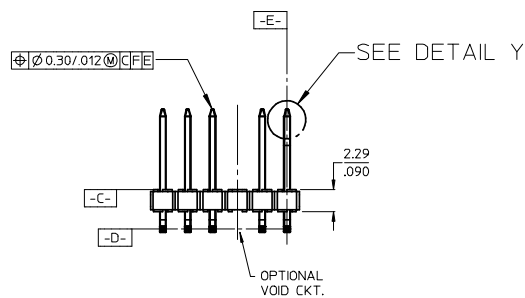
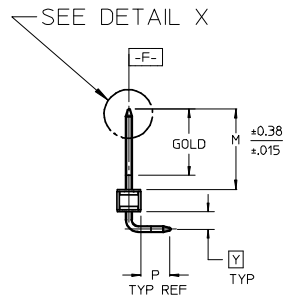
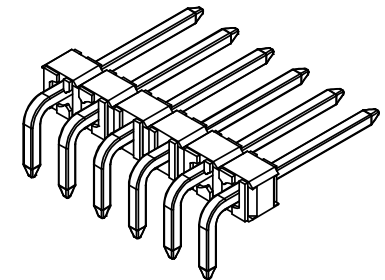
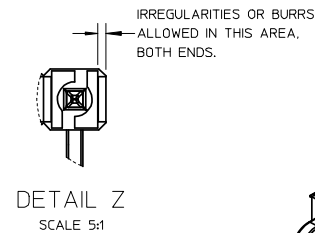
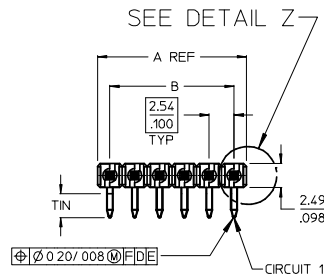
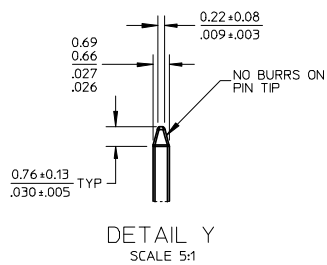
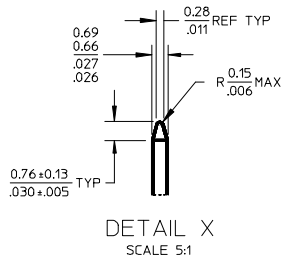
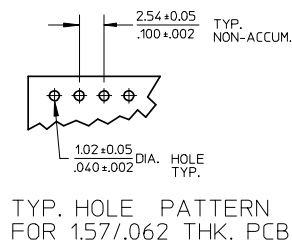


| NO. CKTS | DIM. A | DIM. B |
|----------|--------|--------|
| 2        | 5.08   | 2.54   |
| 3        | 7.62   | 5.08   |
| 4        | 10.16  | 7.62   |
| 5        | 12.70  | 10.16  |
| 6        | 15.24  | 12.70  |
| 7        | 17.78  | 15.24  |
| 8        | 20.32  | 17.78  |
| 9        | 22.86  | 20.32  |
| 10       | 25.40  | 22.86  |
| 11       | 27.94  | 25.40  |
| 12       | 30.48  | 27.94  |
| 13       | 33.02  | 30.48  |
| 14       | 35.56  | 33.02  |
| 15       | 38.10  | 35.56  |
| 16       | 40.64  | 38.10  |
| 17       | 43.18  | 40.64  |
| 18       | 45.72  | 43.18  |
| 19       | 48.26  | 45.72  |
| 20       | 50.80  | 48.26  |
| 21       | 53.34  | 50.80  |
| 22       | 55.88  | 53.34  |
| 23       | 58.42  | 55.88  |
| 24       | 60.96  | 58.42  |
| 25       | 63.50  | 60.96  |
| 26       | 66.04  | 63.50  |
| 27       | 68.58  | 66.04  |
| 28       | 71.12  | 68.58  |
| 29       | 73.66  | 71.12  |
| 30       | 76.20  | 73.66  |
| 31       | 78.74  | 76.20  |
| 32       | 81.28  | 78.74  |
| 33       | 83.82  | 81.28  |
| 34       | 86.36  | 83.82  |
| 35       | 88.90  | 86.36  |
| 36       | 91.44  | 88.90  |



- NOTES:
- MATERIAL: GLASS FILLED NYLON  
UL94V-0, COLOR: BLACK
  - FINISH:
    - (154)\* OVERALL TIN: 0.00254/.000100 MIN. OVER NICKEL: 0.00127/.000050 MIN.
    - (208) SELECT GOLD: 0.00038/.000015 MIN.
    - \* SELECT TIN: 0.00254/.000100 MIN.
    - WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
    - (228) SELECT GOLD: 0.00076/.000030 MIN.
    - \* SELECT TIN: 0.00254/.000100 MIN.
    - WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  - \*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATINGS.
  - PRODUCT SPECIFICATION: PS 10-07.
  - PACKAGING INFORMATION: SEE TABLES
  - SOLDERABILITY PER SMES-152.
  - PIN PUSH OUT FORCE: 3 LBS. MIN
  - SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
  - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



|                                                                                  |                                        |             |                                   |                                                                                                                                  |  |                 |      |                                                                  |              |                        |  |
|----------------------------------------------------------------------------------|----------------------------------------|-------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------|------|------------------------------------------------------------------|--------------|------------------------|--|
| ADD P/N<br>EC NO: UCP2008-1274<br>DRWN:ADERR<br>CHKD:JBELL<br>APPR:FSMITH<br>W13 | 2007/12/06<br>2007/12/06<br>2007/12/10 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |  | DIMENSION STYLE |      | SCALE                                                            | DESIGN UNITS | THIRD ANGLE PROJECTION |  |
|                                                                                  |                                        |             |                                   |                                                                                                                                  |  | MM/IN           |      | 2:1                                                              | INCH         | ◎ □                    |  |
|                                                                                  |                                        |             |                                   |                                                                                                                                  |  | DRAWN BY        | DATE | TITLE<br>KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY |              |                        |  |
|                                                                                  |                                        |             |                                   |                                                                                                                                  |  | CHECKED BY      | DATE |                                                                  |              |                        |  |
|                                                                                  |                                        |             |                                   |                                                                                                                                  |  | APPROVED BY     | DATE |                                                                  |              |                        |  |
|                                                                                  |                                        |             |                                   |                                                                                                                                  |  | MATERIAL NO.    |      | DOCUMENT NO.                                                     |              | SHEET NO.              |  |
|                                                                                  |                                        |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |  | SEE CHART       |      | SD-42377-001                                                     |              | 1 OF *                 |  |
|                                                                                  |                                        | SIZE<br>B   |                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                 |      |                                                                  |              |                        |  |

|                                                  |                 |                                                                                                    |                    |                 |                                                                                                     |                       |                 |                                    |                    |                                      |                                  |  |
|--------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------------------------------------------------------------------------------------------|-----------------------|-----------------|------------------------------------|--------------------|--------------------------------------|----------------------------------|--|
|                                                  |                 |                                                                                                    |                    |                 |                                                                                                     |                       |                 |                                    |                    |                                      |                                  |  |
| ✓ A-42377-0002 / 0036                            |                 |                                                                                                    |                    |                 |                                                                                                     | ✓ A-42377-0037 / 0071 |                 |                                    |                    |                                      |                                  |  |
| HEADER NUMBER:                                   |                 |                                                                                                    | 42312-0036         |                 |                                                                                                     | HEADER NUMBER:        |                 |                                    | 42312-0036         |                                      |                                  |  |
| PIN NUMBER:                                      |                 |                                                                                                    | 42663-AZA154       |                 |                                                                                                     | PIN NUMBER:           |                 |                                    | 42663-BSA154       |                                      |                                  |  |
| PIN LENGTH: L                                    |                 |                                                                                                    | .550/13.97         |                 |                                                                                                     | PIN LENGTH: L         |                 |                                    | .630/16.00         |                                      |                                  |  |
| MATING LENGTH: M                                 |                 |                                                                                                    | .244/6.20          |                 |                                                                                                     | MATING LENGTH: M      |                 |                                    | .324/8.23          |                                      |                                  |  |
| GOLD POINT: G                                    |                 |                                                                                                    | N/A                |                 |                                                                                                     | GOLD POINT: G         |                 |                                    | N/A                |                                      |                                  |  |
| PI N HEIGHT: Y                                   |                 |                                                                                                    | .070/1.78          |                 |                                                                                                     | PI N HEIGHT: Y        |                 |                                    | .070/1.78          |                                      |                                  |  |
| PC TAIL LENGTH: P                                |                 |                                                                                                    | .120/3.05          |                 |                                                                                                     | PC TAIL LENGTH: P     |                 |                                    | .120/3.05          |                                      |                                  |  |
| TIN: T                                           |                 |                                                                                                    | OVERALL            |                 |                                                                                                     | TIN: T                |                 |                                    | OVERALL            |                                      |                                  |  |
| CKTS:                                            |                 |                                                                                                    | 2-36               |                 |                                                                                                     | CKTS:                 |                 |                                    | 2-36               |                                      |                                  |  |
| KINKS:                                           |                 |                                                                                                    | NONE               |                 |                                                                                                     | KINKS:                |                 |                                    | NONE               |                                      |                                  |  |
| REMOVED BACKWALLS:                               |                 |                                                                                                    | NONE               |                 |                                                                                                     | REMOVED BACKWALLS:    |                 |                                    | NONE               |                                      |                                  |  |
| VOIDED CKTS:                                     |                 |                                                                                                    | NONE               |                 |                                                                                                     | VOIDED CKTS:          |                 |                                    | NONE               |                                      |                                  |  |
| PACKAGING:                                       |                 |                                                                                                    | BULK PK-40873-0041 |                 |                                                                                                     | PACKAGING:            |                 |                                    | BULK PK-40873-0041 |                                      |                                  |  |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER                                                                                         | CKTS               | MATERIAL NUMBER | ENG NUMBER                                                                                          | CKTS                  | MATERIAL NUMBER | ENG NUMBER                         | CKTS               | MATERIAL NUMBER                      | ENG NUMBER                       |  |
| 02                                               | 22-28-8020      | 42377-0002                                                                                         | 20                 | 22-28-8200      | 42377-0020                                                                                          | 02                    | 22-28-8021      | 42377-0037                         | 20                 | 22-28-8201                           | 42377-0055                       |  |
| 03                                               | 22-28-8030      | 42377-0003                                                                                         | 21                 | 22-28-8210      | 42377-0021                                                                                          | 03                    | 22-28-8031      | 42377-0038                         | 21                 | 22-28-8211                           | 42377-0056                       |  |
| 04                                               | 22-28-8040      | 42377-0004                                                                                         | 22                 | 22-28-8220      | 42377-0022                                                                                          | 04                    | 22-28-8041      | 42377-0039                         | 22                 | 22-28-8221                           | 42377-0057                       |  |
| 05                                               | 22-28-8050      | 42377-0005                                                                                         | 23                 | 22-28-8230      | 42377-0023                                                                                          | 05                    | 22-28-8051      | 42377-0040                         | 23                 | 22-28-8231                           | 42377-0058                       |  |
| 06                                               | 22-28-8060      | 42377-0006                                                                                         | 24                 | 22-28-8240      | 42377-0024                                                                                          | 06                    | 22-28-8061      | 42377-0041                         | 24                 | 22-28-8241                           | 42377-0059                       |  |
| 07                                               | 22-28-8070      | 42377-0007                                                                                         | 25                 | 22-28-8250      | 42377-0025                                                                                          | 07                    | 22-28-8071      | 42377-0042                         | 25                 | 22-28-8251                           | 42377-0060                       |  |
| 08                                               | 22-28-8080      | 42377-0008                                                                                         | 26                 | 22-28-8260      | 42377-0026                                                                                          | 08                    | 22-28-8081      | 42377-0043                         | 26                 | 22-28-8261                           | 42377-0061                       |  |
| 09                                               | 22-28-8090      | 42377-0009                                                                                         | 27                 | 22-28-8270      | 42377-0027                                                                                          | 09                    | 22-28-8091      | 42377-0044                         | 27                 | 22-28-8271                           | 42377-0062                       |  |
| 10                                               | 22-28-8100      | 42377-0010                                                                                         | 28                 | 22-28-8280      | 42377-0028                                                                                          | 10                    | 22-28-8101      | 42377-0045                         | 28                 | 22-28-8281                           | 42377-0063                       |  |
| 11                                               | 22-28-8110      | 42377-0011                                                                                         | 29                 | 22-28-8290      | 42377-0029                                                                                          | 11                    | 22-28-8111      | 42377-0046                         | 29                 | 22-28-8291                           | 42377-0064                       |  |
| 12                                               | 22-28-8120      | 42377-0012                                                                                         | 30                 | 22-28-8300      | 42377-0030                                                                                          | 12                    | 22-28-8121      | 42377-0047                         | 30                 | 22-28-8301                           | 42377-0065                       |  |
| 13                                               | 22-28-8130      | 42377-0013                                                                                         | 31                 | 22-28-8310      | 42377-0031                                                                                          | 13                    | 22-28-8131      | 42377-0048                         | 31                 | 22-28-8311                           | 42377-0066                       |  |
| 14                                               | 22-28-8140      | 42377-0014                                                                                         | 32                 | 22-28-8320      | 42377-0032                                                                                          | 14                    | 22-28-8141      | 42377-0049                         | 32                 | 22-28-8321                           | 42377-0067                       |  |
| 15                                               | 22-28-8150      | 42377-0015                                                                                         | 33                 | 22-28-8330      | 42377-0033                                                                                          | 15                    | 22-28-8151      | 42377-0050                         | 33                 | 22-28-8331                           | 42377-0068                       |  |
| 16                                               | 22-28-8160      | 42377-0016                                                                                         | 34                 | 22-28-8340      | 42377-0034                                                                                          | 16                    | 22-28-8161      | 42377-0051                         | 34                 | 22-28-8341                           | 42377-0069                       |  |
| 17                                               | 22-28-8170      | 42377-0017                                                                                         | 35                 | 22-28-8350      | 42377-0035                                                                                          | 17                    | 22-28-8171      | 42377-0052                         | 35                 | 22-28-8351                           | 42377-0070                       |  |
| 18                                               | 22-28-8180      | 42377-0018                                                                                         | 36                 | 22-28-8360      | 42377-0036                                                                                          | 18                    | 22-28-8181      | 42377-0053                         | 36                 | 22-28-8361                           | 42377-0071                       |  |
| 19                                               | 22-28-8190      | 42377-0019                                                                                         |                    |                 |                                                                                                     | 19                    | 22-28-8191      | 42377-0054                         |                    |                                      |                                  |  |
|                                                  |                 |                                                                                                    |                    |                 |                                                                                                     |                       |                 |                                    |                    |                                      |                                  |  |
| REV:<br><b>W13</b>                               |                 | <u>ECR/ECN INFORMATION:</u><br><u>EC No:</u> <b>UCP2008-1274</b><br><u>DATE:</u> <b>12/10/2007</b> |                    |                 | <u>TITLE:</u><br><b>KK 100 HEADER ASSEMBLY<br/>         FLAT RIGHT ANGLE<br/>         BREAKAWAY</b> |                       |                 |                                    |                    |                                      | <u>SHEET No.</u><br><b>- 2 -</b> |  |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42377-001</b>  |                 |                                                                                                    |                    |                 | <u>CREATED / REVISED BY:</u><br><b>ADERR</b>                                                        |                       |                 | <u>CHECKED BY:</u><br><b>JBELL</b> |                    | <u>APPROVED BY:</u><br><b>FSMITH</b> |                                  |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                                                                                                    |                    |                 |                                                                                                     |                       |                 |                                    |                    |                                      |                                  |  |

|                                                  |                 |                             |                    |                 |                                                                  |                       |                 |                    |                    |                     |            |
|--------------------------------------------------|-----------------|-----------------------------|--------------------|-----------------|------------------------------------------------------------------|-----------------------|-----------------|--------------------|--------------------|---------------------|------------|
|                                                  |                 |                             |                    |                 |                                                                  |                       |                 |                    |                    |                     |            |
| ✓ A-42377-0072 / 0106                            |                 |                             |                    |                 |                                                                  | ✓ A-42377-0107 / 0141 |                 |                    |                    |                     |            |
| HEADER NUMBER:                                   |                 |                             | 42312-0036         |                 |                                                                  | HEADER NUMBER:        |                 |                    | 42312-0036         |                     |            |
| PIN NUMBER:                                      |                 |                             | 42663-AZB208       |                 |                                                                  | PIN NUMBER:           |                 |                    | 42663-BSB208       |                     |            |
| PIN LENGTH: L                                    |                 |                             | .550/13.97         |                 |                                                                  | PIN LENGTH: L         |                 |                    | .630/16.00         |                     |            |
| MATING LENGTH: M                                 |                 |                             | .244/6.20          |                 |                                                                  | MATING LENGTH: M      |                 |                    | .324/8.23          |                     |            |
| GOLD POINT: G                                    |                 |                             | .140/3.56          |                 |                                                                  | GOLD POINT: G         |                 |                    | .140/3.56          |                     |            |
| PIN HEIGHT: Y                                    |                 |                             | .070/1.78          |                 |                                                                  | PIN HEIGHT: Y         |                 |                    | .070/1.78          |                     |            |
| PC TAIL LENGTH: P                                |                 |                             | .120/13.05         |                 |                                                                  | PC TAIL LENGTH: P     |                 |                    | .120/3.05          |                     |            |
| TIN: T                                           |                 |                             | .135/3.43          |                 |                                                                  | TIN: T                |                 |                    | .135/3.43          |                     |            |
| CKTS:                                            |                 |                             | 2-36               |                 |                                                                  | CKTS:                 |                 |                    | 2-36               |                     |            |
| KINKS:                                           |                 |                             | NONE               |                 |                                                                  | KINKS:                |                 |                    | NONE               |                     |            |
| REMOVED BACKWALLS:                               |                 |                             | NONE               |                 |                                                                  | REMOVED BACKWALLS:    |                 |                    | NONE               |                     |            |
| VOIDED CKTS:                                     |                 |                             | NONE               |                 |                                                                  | VOIDED CKTS:          |                 |                    | NONE               |                     |            |
| PACKAGING:                                       |                 |                             | BULK PK-40873-0041 |                 |                                                                  | PACKAGING:            |                 |                    | BULK PK-40873-0041 |                     |            |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER                  | CKTS               | MATERIAL NUMBER | ENG NUMBER                                                       | CKTS                  | MATERIAL NUMBER | ENG NUMBER         | CKTS               | MATERIAL NUMBER     | ENG NUMBER |
| 02                                               | 22-28-8022      | 42377-0072                  | 20                 | 22-28-8202      | 42377-0090                                                       | 02                    | 22-28-8023      | 42377-0107         | 20                 | 22-28-8203          | 42377-0125 |
| 03                                               | 22-28-8032      | 42377-0073                  | 21                 | 22-28-8212      | 42377-0091                                                       | 03                    | 22-28-8033      | 42377-0108         | 21                 | 22-28-8213          | 42377-0126 |
| 04                                               | 22-28-8042      | 42377-0074                  | 22                 | 22-28-8222      | 42377-0092                                                       | 04                    | 22-28-8043      | 42377-0109         | 22                 | 22-28-8223          | 42377-0127 |
| 05                                               | 22-28-8052      | 42377-0075                  | 23                 | 22-28-8232      | 42377-0093                                                       | 05                    | 22-28-8053      | 42377-0110         | 23                 | 22-28-8233          | 42377-0128 |
| 06                                               | 22-28-8062      | 42377-0076                  | 24                 | 22-28-8242      | 42377-0094                                                       | 06                    | 22-28-8063      | 42377-0111         | 24                 | 22-28-8243          | 42377-0129 |
| 07                                               | 22-28-8072      | 42377-0077                  | 25                 | 22-28-8252      | 42377-0095                                                       | 07                    | 22-28-8073      | 42377-0112         | 25                 | 22-28-8253          | 42377-0130 |
| 08                                               | 22-28-8082      | 42377-0078                  | 26                 | 22-28-8262      | 42377-0096                                                       | 08                    | 22-28-8083      | 42377-0113         | 26                 | 22-28-8263          | 42377-0131 |
| 09                                               | 22-28-8092      | 42377-0079                  | 27                 | 22-28-8272      | 42377-0097                                                       | 09                    | 22-28-8093      | 42377-0114         | 27                 | 22-28-8273          | 42377-0132 |
| 10                                               | 22-28-8102      | 42377-0080                  | 28                 | 22-28-8282      | 42377-0098                                                       | 10                    | 22-28-8103      | 42377-0115         | 28                 | 22-28-8283          | 42377-0133 |
| 11                                               | 22-28-8112      | 42377-0081                  | 29                 | 22-28-8292      | 42377-0099                                                       | 11                    | 22-28-8113      | 42377-0116         | 29                 | 22-28-8293          | 42377-0134 |
| 12                                               | 22-28-8122      | 42377-0082                  | 30                 | 22-28-8302      | 42377-0100                                                       | 12                    | 22-28-8123      | 42377-0117         | 30                 | 22-28-8303          | 42377-0135 |
| 13                                               | 22-28-8132      | 42377-0083                  | 31                 | 22-28-8312      | 42377-0101                                                       | 13                    | 22-28-8133      | 42377-0118         | 31                 | 22-28-8313          | 42377-0136 |
| 14                                               | 22-28-8142      | 42377-0084                  | 32                 | 22-28-8322      | 42377-0102                                                       | 14                    | 22-28-8143      | 42377-0119         | 32                 | 22-28-8323          | 42377-0137 |
| 15                                               | 22-28-8152      | 42377-0085                  | 33                 | 22-28-8332      | 42377-0103                                                       | 15                    | 22-28-8153      | 42377-0120         | 33                 | 22-28-8333          | 42377-0138 |
| 16                                               | 22-28-8162      | 42377-0086                  | 34                 | 22-28-8342      | 42377-0104                                                       | 16                    | 22-28-8163      | 42377-0121         | 34                 | 22-28-8343          | 42377-0139 |
| 17                                               | 22-28-8172      | 42377-0087                  | 35                 | 22-28-8352      | 42377-0105                                                       | 17                    | 22-28-8173      | 42377-0122         | 35                 | 22-28-8353          | 42377-0140 |
| 18                                               | 22-28-8182      | 42377-0088                  | 36                 | 22-28-8362      | 42377-0106                                                       | 18                    | 22-28-8183      | 42377-0123         | 36                 | 22-28-8363          | 42377-0141 |
| 19                                               | 22-28-8192      | 42377-0089                  |                    |                 |                                                                  | 19                    | 22-28-8193      | 42377-0124         |                    |                     |            |
|                                                  |                 |                             |                    |                 |                                                                  |                       |                 |                    |                    |                     |            |
| REV:                                             |                 | <u>ECR/ECN INFORMATION:</u> |                    |                 | <u>TITLE:</u>                                                    |                       |                 |                    |                    | <u>SHEET No.</u>    |            |
| <b>W13</b>                                       |                 | <u>EC No:</u> UCP2008-1274  |                    |                 | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |                       |                 |                    |                    | <b>- 3 -</b>        |            |
|                                                  |                 | <u>DATE:</u> 12/10/2007     |                    |                 |                                                                  |                       |                 |                    |                    |                     |            |
| <u>DOCUMENT NUMBER:</u>                          |                 |                             |                    |                 | <u>CREATED / REVISED BY:</u>                                     |                       |                 | <u>CHECKED BY:</u> |                    | <u>APPROVED BY:</u> |            |
| <b>SD- 42377-001</b>                             |                 |                             |                    |                 | <b>ADERR</b>                                                     |                       |                 | <b>JBELL</b>       |                    | <b>FSMITH</b>       |            |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                             |                    |                 |                                                                  |                       |                 |                    |                    |                     |            |

|                                                                          |                 |                             |      |                 |                                                         |                       |                    |                    |                     |                  |            |
|--------------------------------------------------------------------------|-----------------|-----------------------------|------|-----------------|---------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------|------------------|------------|
|                                                                          |                 |                             |      |                 |                                                         |                       |                    |                    |                     |                  |            |
| ✓ A-42377-0142 / 0176                                                    |                 |                             |      |                 |                                                         | ✓ A-42377-0177 / 0211 |                    |                    |                     |                  |            |
| HEADER NUMBER:                                                           |                 | 42312-0036                  |      |                 |                                                         | HEADER NUMBER:        |                    | 42312-0036         |                     |                  |            |
| PIN NUMBER:                                                              |                 | 42663-BCA154                |      |                 |                                                         | PIN NUMBER:           |                    | 42663-BXA154       |                     |                  |            |
| PIN LENGTH: L                                                            |                 | .565/14.35                  |      |                 |                                                         | PIN LENGTH: L         |                    | .645/16.38         |                     |                  |            |
| MATING LENGTH: M                                                         |                 | .244/6.20                   |      |                 |                                                         | MATING LENGTH: M      |                    | .324/8.23          |                     |                  |            |
| GOLD POINT: G                                                            |                 | N/A                         |      |                 |                                                         | GOLD POINT: G         |                    | N/A                |                     |                  |            |
| PIN HEIGHT: Y                                                            |                 | .070/1.78                   |      |                 |                                                         | PIN HEIGHT: Y         |                    | .070/1.78          |                     |                  |            |
| PC TAIL LENGTH: P                                                        |                 | .135/3.43                   |      |                 |                                                         | PC TAIL LENGTH: P     |                    | .135/3.43          |                     |                  |            |
| TIN: T                                                                   |                 | OVERALL                     |      |                 |                                                         | TIN: T                |                    | OVERALL            |                     |                  |            |
| CKTS:                                                                    |                 | 2-36                        |      |                 |                                                         | CKTS:                 |                    | 2-36               |                     |                  |            |
| KINKS:                                                                   |                 | PER SMES-42003              |      |                 |                                                         | KINKS:                |                    | PER SMES-42003     |                     |                  |            |
| REMOVED BACKWALLS:                                                       |                 | NONE                        |      |                 |                                                         | REMOVED BACKWALLS:    |                    | NONE               |                     |                  |            |
| VOIDED CKTS:                                                             |                 | NONE                        |      |                 |                                                         | VOIDED CKTS:          |                    | NONE               |                     |                  |            |
| PACKAGING:                                                               |                 | BULK PK-40873-0041          |      |                 |                                                         | PACKAGING:            |                    | BULK PK-40873-0041 |                     |                  |            |
| CKTS                                                                     | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER | ENG NUMBER                                              | CKTS                  | MATERIAL NUMBER    | ENG NUMBER         | CKTS                | MATERIAL NUMBER  | ENG NUMBER |
| 02                                                                       | 22-28-9020      | 42377-0142                  | 20   | 22-28-9200      | 42377-0160                                              | 02                    | 22-28-9021         | 42377-0177         | 20                  | 22-28-9201       | 42377-0195 |
| 03                                                                       | 22-28-9030      | 42377-0143                  | 21   | 22-28-9210      | 42377-0161                                              | 03                    | 22-28-9031         | 42377-0178         | 21                  | 22-28-9211       | 42377-0196 |
| 04                                                                       | 22-28-9040      | 42377-0144                  | 22   | 22-28-9220      | 42377-0162                                              | 04                    | 22-28-9041         | 42377-0179         | 22                  | 22-28-9221       | 42377-0197 |
| 05                                                                       | 22-28-9050      | 42377-0145                  | 23   | 22-28-9230      | 42377-0163                                              | 05                    | 22-28-9051         | 42377-0180         | 23                  | 22-28-9231       | 42377-0198 |
| 06                                                                       | 22-28-9060      | 42377-0146                  | 24   | 22-28-9240      | 42377-0164                                              | 06                    | 22-28-9061         | 42377-0181         | 24                  | 22-28-9241       | 42377-0199 |
| 07                                                                       | 22-28-9070      | 42377-0147                  | 25   | 22-28-9250      | 42377-0165                                              | 07                    | 22-28-9071         | 42377-0182         | 25                  | 22-28-9251       | 42377-0200 |
| 08                                                                       | 22-28-9080      | 42377-0148                  | 26   | 22-28-9260      | 42377-0166                                              | 08                    | 22-28-9081         | 42377-0183         | 26                  | 22-28-9261       | 42377-0201 |
| 09                                                                       | 22-28-9090      | 42377-0149                  | 27   | 22-28-9270      | 42377-0167                                              | 09                    | 22-28-9091         | 42377-0184         | 27                  | 22-28-9271       | 42377-0202 |
| 10                                                                       | 22-28-9100      | 42377-0150                  | 28   | 22-28-9280      | 42377-0168                                              | 10                    | 22-28-9101         | 42377-0185         | 28                  | 22-28-9281       | 42377-0203 |
| 11                                                                       | 22-28-9110      | 42377-0151                  | 29   | 22-28-9290      | 42377-0169                                              | 11                    | 22-28-9111         | 42377-0186         | 29                  | 22-28-9291       | 42377-0204 |
| 12                                                                       | 22-28-9120      | 42377-0152                  | 30   | 22-28-9300      | 42377-0170                                              | 12                    | 22-28-9121         | 42377-0187         | 30                  | 22-28-9301       | 42377-0205 |
| 13                                                                       | 22-28-9130      | 42377-0153                  | 31   | 22-28-9310      | 42377-0171                                              | 13                    | 22-28-9131         | 42377-0188         | 31                  | 22-28-9311       | 42377-0206 |
| 14                                                                       | 22-28-9140      | 42377-0154                  | 32   | 22-28-9320      | 42377-0172                                              | 14                    | 22-28-9141         | 42377-0189         | 32                  | 22-28-9321       | 42377-0207 |
| 15                                                                       | 22-28-9150      | 42377-0155                  | 33   | 22-28-9330      | 42377-0173                                              | 15                    | 22-28-9151         | 42377-0190         | 33                  | 22-28-9331       | 42377-0208 |
| 16                                                                       | 22-28-9160      | 42377-0156                  | 34   | 22-28-9340      | 42377-0174                                              | 16                    | 22-28-9161         | 42377-0191         | 34                  | 22-28-9341       | 42377-0209 |
| 17                                                                       | 22-28-9170      | 42377-0157                  | 35   | 22-28-9350      | 42377-0175                                              | 17                    | 22-28-9171         | 42377-0192         | 35                  | 22-28-9351       | 42377-0210 |
| 18                                                                       | 22-28-9180      | 42377-0158                  | 36   | 22-28-9360      | 42377-0176                                              | 18                    | 22-28-9181         | 42377-0193         | 36                  | 22-28-9361       | 42377-0211 |
| 19                                                                       | 22-28-9190      | 42377-0159                  |      |                 |                                                         | 19                    | 22-28-9191         | 42377-0194         |                     |                  |            |
|                                                                          |                 |                             |      |                 |                                                         |                       |                    |                    |                     |                  |            |
| REV:                                                                     |                 | <u>ECR/ECN INFORMATION:</u> |      |                 | <u>TITLE:</u>                                           |                       |                    |                    |                     | <u>SHEET No.</u> |            |
| <b>W13</b>                                                               |                 | <u>EC No:</u> UCP2008-1274  |      |                 | KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY |                       |                    |                    |                     | <b>- 4 -</b>     |            |
|                                                                          |                 | <u>DATE:</u> 12/10/2007     |      |                 |                                                         |                       |                    |                    |                     |                  |            |
| <u>DOCUMENT NUMBER:</u>                                                  |                 |                             |      |                 | <u>CREATED / REVISED BY:</u>                            |                       | <u>CHECKED BY:</u> |                    | <u>APPROVED BY:</u> |                  |            |
| SD- 42377-001                                                            |                 |                             |      |                 | ADERR                                                   |                       | JBELL              |                    | FSMITH              |                  |            |
| <div> <div>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</div> </div> |                 |                             |      |                 |                                                         |                       |                    |                    |                     |                  |            |

|                                                                          |                 |                             |      |                                                         |            |                     |                 |                     |      |                 |            |
|--------------------------------------------------------------------------|-----------------|-----------------------------|------|---------------------------------------------------------|------------|---------------------|-----------------|---------------------|------|-----------------|------------|
|                                                                          |                 |                             |      |                                                         |            |                     |                 |                     |      |                 |            |
|                                                                          |                 |                             |      |                                                         |            |                     |                 |                     |      |                 |            |
| ✓ A-42377-0212/0246                                                      |                 |                             |      |                                                         |            | ✓ A-42377-0247-0281 |                 |                     |      |                 |            |
| HEADER NUMBER:                                                           |                 | 42312-0036                  |      |                                                         |            | HEADER NUMBER:      |                 | 42312-0036          |      |                 |            |
| PIN NUMBER:                                                              |                 | 42663-BCB208                |      |                                                         |            | PIN NUMBER:         |                 | 42663-BXB208        |      |                 |            |
| PIN LENGTH: L                                                            |                 | .565/14.35                  |      |                                                         |            | PIN LENGTH: L       |                 | .645/16.38          |      |                 |            |
| MATING LENGTH: M                                                         |                 | .244/6.20                   |      |                                                         |            | MATING LENGTH: M    |                 | .324/8.23           |      |                 |            |
| GOLD POINT: G                                                            |                 | .100/2.54                   |      |                                                         |            | GOLD POINT: G       |                 | .140/3.56           |      |                 |            |
| PIN HEIGHT: Y                                                            |                 | .070/1.78                   |      |                                                         |            | PIN HEIGHT: Y       |                 | .070/1.78           |      |                 |            |
| PC TAIL LENGTH: P                                                        |                 | .135/3.43                   |      |                                                         |            | PC TAIL LENGTH: P   |                 | .135/3.43           |      |                 |            |
| TIN: T                                                                   |                 | .135/3.43                   |      |                                                         |            | TIN: T              |                 | .135/3.43           |      |                 |            |
| CKTS:                                                                    |                 | 2-36                        |      |                                                         |            | CKTS:               |                 | 2-36                |      |                 |            |
| KINKS:                                                                   |                 | PER SMES-42003              |      |                                                         |            | KINKS:              |                 | PER SMES-42003      |      |                 |            |
| REMOVED BACKWALLS:                                                       |                 | NONE                        |      |                                                         |            | REMOVED BACKWALLS:  |                 | NONE                |      |                 |            |
| VOIDED CKTS:                                                             |                 | NONE                        |      |                                                         |            | VOIDED CKTS:        |                 | NONE                |      |                 |            |
| PACKAGING:                                                               |                 | BULK PK-40873-0041          |      |                                                         |            | PACKAGING:          |                 | BULK PK-40873-0041  |      |                 |            |
| CKTS                                                                     | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER                                         | ENG NUMBER | CKTS                | MATERIAL NUMBER | ENG NUMBER          | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                                                                       | 22-28-9022      | 42377-0212                  | 20   | 22-28-9202                                              | 42377-0230 | 02                  | 22-28-9023      | 42377-0247          | 20   | 22-28-9203      | 42377-0265 |
| 03                                                                       | 22-28-9032      | 42377-0213                  | 21   | 22-28-9212                                              | 42377-0231 | 03                  | 22-28-9033      | 42377-0248          | 21   | 22-28-9213      | 42377-0266 |
| 04                                                                       | 22-28-9042      | 42377-0214                  | 22   | 22-28-9222                                              | 42377-0232 | 04                  | 22-28-9043      | 42377-0249          | 22   | 22-28-9223      | 42377-0267 |
| 05                                                                       | 22-28-9052      | 42377-0215                  | 23   | 22-28-9232                                              | 42377-0233 | 05                  | 22-28-9053      | 42377-0250          | 23   | 22-28-9233      | 42377-0268 |
| 06                                                                       | 22-28-9062      | 42377-0216                  | 24   | 22-28-9242                                              | 42377-0234 | 06                  | 22-28-9063      | 42377-0251          | 24   | 22-28-9243      | 42377-0269 |
| 07                                                                       | 22-28-9072      | 42377-0217                  | 25   | 22-28-9252                                              | 42377-0235 | 07                  | 22-28-9073      | 42377-0252          | 25   | 22-28-9253      | 42377-0270 |
| 08                                                                       | 22-28-9082      | 42377-0218                  | 26   | 22-28-9262                                              | 42377-0236 | 08                  | 22-28-9083      | 42377-0253          | 26   | 22-28-9263      | 42377-0271 |
| 09                                                                       | 22-28-9092      | 42377-0219                  | 27   | 22-28-9272                                              | 42377-0237 | 09                  | 22-28-9093      | 42377-0254          | 27   | 22-28-9273      | 42377-0272 |
| 10                                                                       | 22-28-9102      | 42377-0220                  | 28   | 22-28-9282                                              | 42377-0238 | 10                  | 22-28-9103      | 42377-0255          | 28   | 22-28-9283      | 42377-0273 |
| 11                                                                       | 22-28-9112      | 42377-0221                  | 29   | 22-28-9292                                              | 42377-0239 | 11                  | 22-28-9113      | 42377-0256          | 29   | 22-28-9293      | 42377-0274 |
| 12                                                                       | 22-28-9122      | 42377-0222                  | 30   | 22-28-9302                                              | 42377-0240 | 12                  | 22-28-9123      | 42377-0257          | 30   | 22-28-9303      | 42377-0275 |
| 13                                                                       | 22-28-9132      | 42377-0223                  | 31   | 22-28-9312                                              | 42377-0241 | 13                  | 22-28-9133      | 42377-0258          | 31   | 22-28-9313      | 42377-0276 |
| 14                                                                       | 22-28-9142      | 42377-0224                  | 32   | 22-28-9322                                              | 42377-0242 | 14                  | 22-28-9143      | 42377-0259          | 32   | 22-28-9323      | 42377-0277 |
| 15                                                                       | 22-28-9152      | 42377-0225                  | 33   | 22-28-9332                                              | 42377-0243 | 15                  | 22-28-9153      | 42377-0260          | 33   | 22-28-9333      | 42377-0278 |
| 16                                                                       | 22-28-9162      | 42377-0226                  | 34   | 22-28-9342                                              | 42377-0244 | 16                  | 22-28-9163      | 42377-0261          | 34   | 22-28-9343      | 42377-0279 |
| 17                                                                       | 22-28-9172      | 42377-0227                  | 35   | 22-28-9352                                              | 42377-0245 | 17                  | 22-28-9173      | 42377-0262          | 35   | 22-28-9353      | 42377-0280 |
| 18                                                                       | 22-28-9182      | 42377-0228                  | 36   | 22-28-9362                                              | 42377-0246 | 18                  | 22-28-9183      | 42377-0263          | 36   | 22-28-9363      | 42377-0281 |
| 19                                                                       | 22-28-9192      | 42377-0229                  |      |                                                         |            | 19                  | 22-28-9193      | 42377-0264          |      |                 |            |
| REV:                                                                     |                 | <u>ECR/ECN INFORMATION:</u> |      | <u>TITLE:</u>                                           |            |                     |                 | <u>SHEET No.</u>    |      |                 |            |
| <b>W13</b>                                                               |                 | EC No: UCP2008-1274         |      | KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY |            |                     |                 | <b>- 5 -</b>        |      |                 |            |
|                                                                          |                 | DATE: 12/10/2007            |      |                                                         |            |                     |                 |                     |      |                 |            |
| <u>DOCUMENT NUMBER:</u>                                                  |                 |                             |      | <u>CREATED / REVISED BY:</u>                            |            | <u>CHECKED BY:</u>  |                 | <u>APPROVED BY:</u> |      |                 |            |
| SD- 42377-001                                                            |                 |                             |      | ADERR                                                   |            | JBELL               |                 | FSMITH              |      |                 |            |
| <div> <div>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</div> </div> |                 |                             |      |                                                         |            |                     |                 |                     |      |                 |            |

|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |  |  |
|--------------------------------------------------------------------------|-----------------|-----------------------------|------|-----------------|------------------------------|---------------------------------------------------------|-----------------|--------------------|------|---------------------|------------|--|--|
|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |  |  |
|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |  |  |
| ✓ A-42377-0282 / 0316                                                    |                 |                             |      |                 |                              | ✓ A-42377-0317 / 0351                                   |                 |                    |      |                     |            |  |  |
| HEADER NUMBER:                                                           |                 | 42312-0036                  |      |                 |                              | HEADER NUMBER:                                          |                 | 42312-0036         |      |                     |            |  |  |
| PIN NUMBER:                                                              |                 | 42663-AZB228                |      |                 |                              | PIN NUMBER:                                             |                 | 42663-BSB228       |      |                     |            |  |  |
| PIN LENGTH: L                                                            |                 | .550/13.97                  |      |                 |                              | PIN LENGTH: L                                           |                 | .630/16.00         |      |                     |            |  |  |
| MATING LENGTH: M                                                         |                 | .244/6.20                   |      |                 |                              | MATING LENGTH: M                                        |                 | .324/8.23          |      |                     |            |  |  |
| GOLD POINT: G                                                            |                 | .140/3.56                   |      |                 |                              | GOLD POINT: G                                           |                 | .140/3.56          |      |                     |            |  |  |
| PIN HEIGHT: Y                                                            |                 | .070/1.78                   |      |                 |                              | PIN HEIGHT: Y                                           |                 | .070/1.78          |      |                     |            |  |  |
| PC TAIL LENGTH: P                                                        |                 | .120/3.05                   |      |                 |                              | PC TAIL LENGTH: P                                       |                 | .120/3.05          |      |                     |            |  |  |
| TIN: T                                                                   |                 | .135/3.43                   |      |                 |                              | TIN: T                                                  |                 | .135/3.43          |      |                     |            |  |  |
| CKTS:                                                                    |                 | 2-36                        |      |                 |                              | CKTS:                                                   |                 | 2-36               |      |                     |            |  |  |
| KINKS:                                                                   |                 | NONE                        |      |                 |                              | KINKS:                                                  |                 | NONE               |      |                     |            |  |  |
| REMOVED BACKWALLS:                                                       |                 | NONE                        |      |                 |                              | REMOVED BACKWALLS:                                      |                 | NONE               |      |                     |            |  |  |
| VOIDED CKTS:                                                             |                 | NONE                        |      |                 |                              | VOIDED CKTS:                                            |                 | NONE               |      |                     |            |  |  |
| PACKAGING:                                                               |                 | BULK PK-40873-0041          |      |                 |                              | PACKAGING:                                              |                 | BULK PK-40873-0041 |      |                     |            |  |  |
| CKTS                                                                     | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER | ENG NUMBER                   | CKTS                                                    | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER     | ENG NUMBER |  |  |
| 02                                                                       | 22-28-8024      | 42377-0282                  | 20   | 22-28-8204      | 42377-0300                   | 02                                                      | 22-28-8025      | 42377-0317         | 20   | 22-28-8205          | 42377-0335 |  |  |
| 03                                                                       | 22-28-8034      | 42377-0283                  | 21   | 22-28-8214      | 42377-0301                   | 03                                                      | 22-28-8035      | 42377-0318         | 21   | 22-28-8215          | 42377-0336 |  |  |
| 04                                                                       | 22-28-8044      | 42377-0284                  | 22   | 22-28-8224      | 42377-0302                   | 04                                                      | 22-28-8045      | 42377-0319         | 22   | 22-28-8225          | 42377-0337 |  |  |
| 05                                                                       | 22-28-8054      | 42377-0285                  | 23   | 22-28-8234      | 42377-0303                   | 05                                                      | 22-28-8055      | 42377-0320         | 23   | 22-28-8235          | 42377-0338 |  |  |
| 06                                                                       | 22-28-8064      | 42377-0286                  | 24   | 22-28-8244      | 42377-0304                   | 06                                                      | 22-28-8065      | 42377-0321         | 24   | 22-28-8245          | 42377-0339 |  |  |
| 07                                                                       | 22-28-8074      | 42377-0287                  | 25   | 22-28-8254      | 42377-0305                   | 07                                                      | 22-28-8075      | 42377-0322         | 25   | 22-28-8255          | 42377-0340 |  |  |
| 08                                                                       | 22-28-8084      | 42377-0288                  | 26   | 22-28-8264      | 42377-0306                   | 08                                                      | 22-28-8085      | 42377-0323         | 26   | 22-28-8265          | 42377-0341 |  |  |
| 09                                                                       | 22-28-8094      | 42377-0289                  | 27   | 22-28-8274      | 42377-0307                   | 09                                                      | 22-28-8095      | 42377-0324         | 27   | 22-28-8275          | 42377-0342 |  |  |
| 10                                                                       | 22-28-8104      | 42377-0290                  | 28   | 22-28-8284      | 42377-0308                   | 10                                                      | 22-28-8105      | 42377-0325         | 28   | 22-28-8285          | 42377-0343 |  |  |
| 11                                                                       | 22-28-8114      | 42377-0291                  | 29   | 22-28-8294      | 42377-0309                   | 11                                                      | 22-28-8115      | 42377-0326         | 29   | 22-28-8295          | 42377-0344 |  |  |
| 12                                                                       | 22-28-8124      | 42377-0292                  | 30   | 22-28-8304      | 42377-0310                   | 12                                                      | 22-28-8125      | 42377-0327         | 30   | 22-28-8305          | 42377-0345 |  |  |
| 13                                                                       | 22-28-8134      | 42377-0293                  | 31   | 22-28-8314      | 42377-0311                   | 13                                                      | 22-28-8135      | 42377-0328         | 31   | 22-28-8315          | 42377-0346 |  |  |
| 14                                                                       | 22-28-8144      | 42377-0294                  | 32   | 22-28-8324      | 42377-0312                   | 14                                                      | 22-28-8145      | 42377-0329         | 32   | 22-28-8325          | 42377-0347 |  |  |
| 15                                                                       | 22-28-8154      | 42377-0295                  | 33   | 22-28-8334      | 42377-0313                   | 15                                                      | 22-28-8155      | 42377-0330         | 33   | 22-28-8335          | 42377-0348 |  |  |
| 16                                                                       | 22-28-8164      | 42377-0296                  | 34   | 22-28-8344      | 42377-0314                   | 16                                                      | 22-28-8165      | 42377-0331         | 34   | 22-28-8345          | 42377-0349 |  |  |
| 17                                                                       | 22-28-8174      | 42377-0297                  | 35   | 22-28-8354      | 42377-0315                   | 17                                                      | 22-28-8175      | 42377-0332         | 35   | 22-28-8355          | 42377-0350 |  |  |
| 18                                                                       | 22-28-8184      | 42377-0298                  | 36   | 22-28-8364      | 42377-0316                   | 18                                                      | 22-28-8185      | 42377-0333         | 36   | 22-28-8365          | 42377-0351 |  |  |
| 19                                                                       | 22-28-8194      | 42377-0299                  |      |                 |                              | 19                                                      | 22-28-8195      | 42377-0334         |      |                     |            |  |  |
| REV:                                                                     |                 | <u>ECR/ECN INFORMATION:</u> |      |                 |                              | <u>TITLE:</u>                                           |                 |                    |      | <u>SHEET No.</u>    |            |  |  |
| <b>W13</b>                                                               |                 | <u>EC No:</u> UCP2008-1274  |      |                 |                              | KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY |                 |                    |      | <b>- 6 -</b>        |            |  |  |
|                                                                          |                 | <u>DATE:</u> 12/10/2007     |      |                 |                              |                                                         |                 |                    |      |                     |            |  |  |
| <u>DOCUMENT NUMBER:</u>                                                  |                 |                             |      |                 | <u>CREATED / REVISED BY:</u> |                                                         |                 | <u>CHECKED BY:</u> |      | <u>APPROVED BY:</u> |            |  |  |
| SD- 42377-001                                                            |                 |                             |      |                 | ADERR                        |                                                         |                 | JBELL              |      | FSMITH              |            |  |  |
| <div> <div>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</div> </div> |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |  |  |

|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |
|--------------------------------------------------------------------------|-----------------|-----------------------------|------|-----------------|------------------------------|---------------------------------------------------------|-----------------|--------------------|------|---------------------|------------|
|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |
|                                                                          |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |
| ✓ A-42377-0352/0386                                                      |                 |                             |      |                 |                              | ✓ A-42377-0387/0421                                     |                 |                    |      |                     |            |
| HEADER NUMBER:                                                           |                 | 42312-0036                  |      |                 |                              | HEADER NUMBER:                                          |                 | 42312-0036         |      |                     |            |
| PIN NUMBER:                                                              |                 | 42663-BCB228                |      |                 |                              | PIN NUMBER:                                             |                 | 42663-BXB228       |      |                     |            |
| PIN LENGTH: L                                                            |                 | .565/14.35                  |      |                 |                              | PIN LENGTH: L                                           |                 | .630/16.00         |      |                     |            |
| MATING LENGTH: M                                                         |                 | .244/6.20                   |      |                 |                              | MATING LENGTH: M                                        |                 | .324/8.23          |      |                     |            |
| GOLD POINT: G                                                            |                 | .100/2.54                   |      |                 |                              | GOLD POINT: G                                           |                 | .140/3.56          |      |                     |            |
| PIN HEIGHT: Y                                                            |                 | .070/1.78                   |      |                 |                              | PIN HEIGHT: Y                                           |                 | .070/1.78          |      |                     |            |
| PC TAIL LENGTH: P                                                        |                 | .135/3.43.                  |      |                 |                              | PC TAIL LENGTH: P                                       |                 | .135/3.43          |      |                     |            |
| TIN: T                                                                   |                 | .135/3.43                   |      |                 |                              | TIN: T                                                  |                 | .135/3.43          |      |                     |            |
| CKTS:                                                                    |                 | 2-36                        |      |                 |                              | CKTS:                                                   |                 | 2-36               |      |                     |            |
| KINKS:                                                                   |                 | PER SMES-42003              |      |                 |                              | KINKS:                                                  |                 | PER SMES-42003     |      |                     |            |
| REMOVED BACKWALLS:                                                       |                 | NONE                        |      |                 |                              | REMOVED BACKWALLS:                                      |                 | NONE               |      |                     |            |
| VOIDED CKTS:                                                             |                 | NONE                        |      |                 |                              | VOIDED CKTS:                                            |                 | NONE               |      |                     |            |
| PACKAGING:                                                               |                 | BULK PK-40873-0041          |      |                 |                              | PACKAGING:                                              |                 | BULK PK-40873-0041 |      |                     |            |
| CKTS                                                                     | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER | ENG NUMBER                   | CKTS                                                    | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER     | ENG NUMBER |
| 02                                                                       | 22-28-9024      | 42377-0352                  | 20   | 22-28-9204      | 42377-0370                   | 02                                                      | 22-28-9025      | 42377-0387         | 20   | 22-28-9205          | 42377-0405 |
| 03                                                                       | 22-28-9034      | 42377-0353                  | 21   | 22-28-9214      | 42377-0371                   | 03                                                      | 22-28-9035      | 42377-0388         | 21   | 22-28-9215          | 42377-0406 |
| 04                                                                       | 22-28-9044      | 42377-0354                  | 22   | 22-28-9224      | 42377-0372                   | 04                                                      | 22-28-9045      | 42377-0389         | 22   | 22-28-9225          | 42377-0407 |
| 05                                                                       | 22-28-9054      | 42377-0355                  | 23   | 22-28-9234      | 42377-0373                   | 05                                                      | 22-28-9055      | 42377-0390         | 23   | 22-28-9235          | 42377-0408 |
| 06                                                                       | 22-28-9064      | 42377-0356                  | 24   | 22-28-9244      | 42377-0374                   | 06                                                      | 22-28-9065      | 42377-0391         | 24   | 22-28-9245          | 42377-0409 |
| 07                                                                       | 22-28-9074      | 42377-0357                  | 25   | 22-28-9254      | 42377-0375                   | 07                                                      | 22-28-9075      | 42377-0392         | 25   | 22-28-9255          | 42377-0410 |
| 08                                                                       | 22-28-9084      | 42377-0358                  | 26   | 22-28-9264      | 42377-0376                   | 08                                                      | 22-28-9085      | 42377-0393         | 26   | 22-28-9265          | 42377-0411 |
| 09                                                                       | 22-28-9094      | 42377-0359                  | 27   | 22-28-9274      | 42377-0377                   | 09                                                      | 22-28-9095      | 42377-0394         | 27   | 22-28-9275          | 42377-0412 |
| 10                                                                       | 22-28-9104      | 42377-0360                  | 28   | 22-28-9284      | 42377-0378                   | 10                                                      | 22-28-9105      | 42377-0395         | 28   | 22-28-9285          | 42377-0413 |
| 11                                                                       | 22-28-9114      | 42377-0361                  | 29   | 22-28-9294      | 42377-0379                   | 11                                                      | 22-28-9115      | 42377-0396         | 29   | 22-28-9295          | 42377-0414 |
| 12                                                                       | 22-28-9124      | 42377-0362                  | 30   | 22-28-9304      | 42377-0380                   | 12                                                      | 22-28-9125      | 42377-0397         | 30   | 22-28-9305          | 42377-0415 |
| 13                                                                       | 22-28-9134      | 42377-0363                  | 31   | 22-28-9314      | 42377-0381                   | 13                                                      | 22-28-9135      | 42377-0398         | 31   | 22-28-9315          | 42377-0416 |
| 14                                                                       | 22-28-9144      | 42377-0364                  | 32   | 22-28-9324      | 42377-0382                   | 14                                                      | 22-28-9145      | 42377-0399         | 32   | 22-28-9325          | 42377-0417 |
| 15                                                                       | 22-28-9154      | 42377-0365                  | 33   | 22-28-9334      | 42377-0383                   | 15                                                      | 22-28-9155      | 42377-0400         | 33   | 22-28-9335          | 42377-0418 |
| 16                                                                       | 22-28-9164      | 42377-0366                  | 34   | 22-28-9344      | 42377-0384                   | 16                                                      | 22-28-9165      | 42377-0401         | 34   | 22-28-9345          | 42377-0419 |
| 17                                                                       | 22-28-9174      | 42377-0367                  | 35   | 22-28-9354      | 42377-0385                   | 17                                                      | 22-28-9175      | 42377-0402         | 35   | 22-28-9355          | 42377-0420 |
| 18                                                                       | 22-28-9184      | 42377-0368                  | 36   | 22-28-9364      | 42377-0386                   | 18                                                      | 22-28-9185      | 42377-0403         | 36   | 22-28-9365          | 42377-0421 |
| 19                                                                       | 22-28-9194      | 42377-0369                  |      |                 |                              | 19                                                      | 22-28-9195      | 42377-0404         |      |                     |            |
| REV:                                                                     |                 | <u>ECR/ECN INFORMATION:</u> |      |                 |                              | <u>TITLE:</u>                                           |                 |                    |      | <u>SHEET No.</u>    |            |
| <b>W13</b>                                                               |                 | <u>EC No:</u> UCP2008-1274  |      |                 |                              | KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY |                 |                    |      | <b>- 7 -</b>        |            |
|                                                                          |                 | <u>DATE:</u> 12/10/2007     |      |                 |                              |                                                         |                 |                    |      |                     |            |
| <u>DOCUMENT NUMBER:</u>                                                  |                 |                             |      |                 | <u>CREATED / REVISED BY:</u> |                                                         |                 | <u>CHECKED BY:</u> |      | <u>APPROVED BY:</u> |            |
| SD- 42377-001                                                            |                 |                             |      |                 | ADERR                        |                                                         |                 | JBELL              |      | FSMITH              |            |
| <div> <div>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</div> </div> |                 |                             |      |                 |                              |                                                         |                 |                    |      |                     |            |





|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|-----------------------------------------------------------------|-----------------|--|--|----------------------|-----------------|--|--|------------------------------------------------------------------------------------|--|--|--|---------------|--|--|--|---------------|--|--|--|
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| ✓ A-42377-0928 / 0962                                           |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| HEADER NUMBER:                                                  |                 |  |  | 42312-0036           |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN NUMBER:                                                     |                 |  |  | 42663-DHB208         |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN LENGTH: L                                                   |                 |  |  | .800/20.32           |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| MATING LENGTH: M                                                |                 |  |  | .317/8.05            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| GOLD POINT: G                                                   |                 |  |  | .180/4.57            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN HEIGHT: Y                                                   |                 |  |  | .070/1.78            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PC TAIL LENGTH: P                                               |                 |  |  | .290/7.37            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| TIN: T                                                          |                 |  |  | .135/3.43            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| CKTS:                                                           |                 |  |  | 2-36                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| KINKS:                                                          |                 |  |  | NONE                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| REMOVED BACKWALLS:                                              |                 |  |  | NONE                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| VOIDED CKTS:                                                    |                 |  |  | NONE                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PACKAGING:                                                      |                 |  |  | BULK PK-40873-0043   |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| CKTS                                                            | MATERIAL NUMBER |  |  | CKTS                 | MATERIAL NUMBER |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 02                                                              | 42377-0928      |  |  | 20                   | 42377-0946      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 03                                                              | 42377-0929      |  |  | 21                   | 42377-0947      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 04                                                              | 42377-0930      |  |  | 22                   | 42377-0948      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 05                                                              | 42377-0931      |  |  | 23                   | 42377-0949      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 06                                                              | 42377-0932      |  |  | 24                   | 42377-0950      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 07                                                              | 42377-0933      |  |  | 25                   | 42377-0951      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 08                                                              | 42377-0934      |  |  | 26                   | 42377-0952      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 09                                                              | 42377-0935      |  |  | 27                   | 42377-0953      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 10                                                              | 42377-0936      |  |  | 28                   | 42377-0954      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 11                                                              | 42377-0937      |  |  | 29                   | 42377-0955      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 12                                                              | 42377-0938      |  |  | 30                   | 42377-0956      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 13                                                              | 42377-0939      |  |  | 31                   | 42377-0957      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 14                                                              | 42377-0940      |  |  | 32                   | 42377-0958      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 15                                                              | 42377-0941      |  |  | 33                   | 42377-0959      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 16                                                              | 42377-0942      |  |  | 34                   | 42377-0960      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 17                                                              | 42377-0943      |  |  | 35                   | 42377-0961      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 18                                                              | 42377-0944      |  |  | 36                   | 42377-0962      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 19                                                              | 42377-0945      |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| REV:                                                            |                 |  |  | ECR/ECN INFORMATION: |                 |  |  | TITLE:                                                                             |  |  |  | SHEET No.     |  |  |  |               |  |  |  |
| <b>W13</b>                                                      |                 |  |  | EC No: UCP2008-1274  |                 |  |  | <b>KK 100 HEADER ASSEMBLY<br/>         FLAT RIGHT ANGLE<br/>         BREAKAWAY</b> |  |  |  | <b>- 10 -</b> |  |  |  |               |  |  |  |
|                                                                 |                 |  |  | DATE: 12/10/2007     |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| DOCUMENT NUMBER:                                                |                 |  |  |                      |                 |  |  | CREATED / REVISED BY:                                                              |  |  |  | CHECKED BY:   |  |  |  | APPROVED BY:  |  |  |  |
| <b>SD- 42377-001</b>                                            |                 |  |  |                      |                 |  |  | <b>ADERR</b>                                                                       |  |  |  | <b>JBELL</b>  |  |  |  | <b>FSMITH</b> |  |  |  |
| <small>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</small> |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |

|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|-----------------------------------------------------------------|-----------------|--|--|----------------------|-----------------|--|--|------------------------------------------------------------------------------------|--|--|--|---------------|--|--|--|---------------|--|--|--|
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| ✓ A-42377-0998 / 1031                                           |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| HEADER NUMBER:                                                  |                 |  |  | 42312-0036           |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN NUMBER:                                                     |                 |  |  | 42663-ABA154         |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN LENGTH: L                                                   |                 |  |  | .455/11.56           |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| MATING LENGTH: M                                                |                 |  |  | .140/3.56            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| GOLD POINT: G                                                   |                 |  |  | N/A                  |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PIN HEIGHT: Y                                                   |                 |  |  | .050/1.27            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PC TAIL LENGTH: P                                               |                 |  |  | .145/3.68            |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| TIN: T                                                          |                 |  |  | OVERALL              |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| CKTS:                                                           |                 |  |  | 3-36                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| KINKS:                                                          |                 |  |  | NONE                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| REMOVED BACKWALLS:                                              |                 |  |  | NONE                 |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| VOIDED CKTS:                                                    |                 |  |  | 3                    |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| PACKAGING:                                                      |                 |  |  | BULK PK-40873-0041   |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| CKTS                                                            | MATERIAL NUMBER |  |  | CKTS                 | MATERIAL NUMBER |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 02                                                              |                 |  |  | 20                   | 42377-1015      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 03                                                              | 42377-0998      |  |  | 21                   | 42377-1016      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 04                                                              | 42377-0999      |  |  | 22                   | 42377-1017      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 05                                                              | 42377-1000      |  |  | 23                   | 42377-1018      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 06                                                              | 42377-1001      |  |  | 24                   | 42377-1019      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 07                                                              | 42377-1002      |  |  | 25                   | 42377-1020      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 08                                                              | 42377-1003      |  |  | 26                   | 42377-1021      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 09                                                              | 42377-1004      |  |  | 27                   | 42377-1022      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 10                                                              | 42377-1005      |  |  | 28                   | 42377-1023      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 11                                                              | 42377-1006      |  |  | 29                   | 42377-1024      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 12                                                              | 42377-1007      |  |  | 30                   | 42377-1025      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 13                                                              | 42377-1008      |  |  | 31                   | 42377-1026      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 14                                                              | 42377-1009      |  |  | 32                   | 42377-1027      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 15                                                              | 42377-1010      |  |  | 33                   | 42377-1028      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 16                                                              | 42377-1011      |  |  | 34                   | 42377-1029      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 17                                                              | 42377-1012      |  |  | 35                   | 42377-1030      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 18                                                              | 42377-1013      |  |  | 36                   | 42377-1031      |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| 19                                                              | 42377-1014      |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
|                                                                 |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| REV:                                                            |                 |  |  | ECR/ECN INFORMATION: |                 |  |  | TITLE:                                                                             |  |  |  | SHEET No.     |  |  |  |               |  |  |  |
| <b>W13</b>                                                      |                 |  |  | EC No: UCP2008-1274  |                 |  |  | <b>KK 100 HEADER ASSEMBLY<br/>         FLAT RIGHT ANGLE<br/>         BREAKAWAY</b> |  |  |  | <b>- 11 -</b> |  |  |  |               |  |  |  |
|                                                                 |                 |  |  | DATE: 12/10/2007     |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |
| DOCUMENT NUMBER:                                                |                 |  |  |                      |                 |  |  | CREATED / REVISED BY:                                                              |  |  |  | CHECKED BY:   |  |  |  | APPROVED BY:  |  |  |  |
| <b>SD- 42377-001</b>                                            |                 |  |  |                      |                 |  |  | <b>ADERR</b>                                                                       |  |  |  | <b>JBELL</b>  |  |  |  | <b>FSMITH</b> |  |  |  |
| <small>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</small> |                 |  |  |                      |                 |  |  |                                                                                    |  |  |  |               |  |  |  |               |  |  |  |



|                                                                 |                      |                                                                                        |                 |               |
|-----------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------|-----------------|---------------|
|                                                                 |                      |                                                                                        |                 |               |
| A-42377-1166/1200                                               |                      |                                                                                        |                 |               |
| HEADER NUMBER:                                                  |                      | 42312-0036                                                                             |                 |               |
| PIN NUMBER:                                                     |                      | 42663-BKA154                                                                           |                 |               |
| PIN LENGTH: L                                                   |                      | .600/15.24                                                                             |                 |               |
| MATING LENGTH: M                                                |                      | .320/8.13                                                                              |                 |               |
| GOLD POINT: G                                                   |                      | N/A                                                                                    |                 |               |
| PIN HEIGHT: Y                                                   |                      | .070/1.78                                                                              |                 |               |
| PC TAIL LENGTH: P                                               |                      | .093/2.36                                                                              |                 |               |
| TIN: T                                                          |                      | OVERALL                                                                                |                 |               |
| CKTS:                                                           |                      | 2-36                                                                                   |                 |               |
| KINKS:                                                          |                      | NONE                                                                                   |                 |               |
| REMOVED BACKWALLS:                                              |                      | NONE                                                                                   |                 |               |
| VOIDED CKTS:                                                    |                      | NONE                                                                                   |                 |               |
| PACKAGING:                                                      |                      | BULK PK-40873-0041                                                                     |                 |               |
| CKTS                                                            | MATERIAL NUMBER      | CKTS                                                                                   | MATERIAL NUMBER |               |
| 02                                                              | 42377-1166           | 20                                                                                     | 42377-1184      |               |
| 03                                                              | 42377-1167           | 21                                                                                     | 42377-1185      |               |
| 04                                                              | 42377-1168           | 22                                                                                     | 42377-1186      |               |
| 05                                                              | 42377-1169           | 23                                                                                     | 42377-1187      |               |
| 06                                                              | 42377-1170           | 24                                                                                     | 42377-1188      |               |
| 07                                                              | 42377-1171           | 25                                                                                     | 42377-1189      |               |
| 08                                                              | 42377-1172           | 26                                                                                     | 42377-1190      |               |
| 09                                                              | 42377-1173           | 27                                                                                     | 42377-1191      |               |
| 10                                                              | 42377-1174           | 28                                                                                     | 42377-1192      |               |
| 11                                                              | 42377-1175           | 29                                                                                     | 42377-1193      |               |
| 12                                                              | 42377-1176           | 30                                                                                     | 42377-1194      |               |
| 13                                                              | 42377-1177           | 31                                                                                     | 42377-1195      |               |
| 14                                                              | 42377-1178           | 32                                                                                     | 42377-1196      |               |
| 15                                                              | 42377-1179           | 33                                                                                     | 42377-1197      |               |
| 16                                                              | 42377-1180           | 34                                                                                     | 42377-1198      |               |
| 17                                                              | 42377-1181           | 35                                                                                     | 42377-1199      |               |
| 18                                                              | 42377-1182           | 36                                                                                     | 42377-1200      |               |
| 19                                                              | 42377-1183           |                                                                                        |                 |               |
|                                                                 |                      |                                                                                        |                 |               |
| A-42377-1201/1234                                               |                      |                                                                                        |                 |               |
| HEADER NUMBER:                                                  |                      | 42312-0036                                                                             |                 |               |
| PIN NUMBER:                                                     |                      | 42663-BKA154                                                                           |                 |               |
| PIN LENGTH: L                                                   |                      | .600/15.24                                                                             |                 |               |
| MATING LENGTH: M                                                |                      | .320/8.13                                                                              |                 |               |
| GOLD POINT: G                                                   |                      | N/A                                                                                    |                 |               |
| PIN HEIGHT: Y                                                   |                      | .070/1.78                                                                              |                 |               |
| PC TAIL LENGTH: P                                               |                      | .093/2.36                                                                              |                 |               |
| TIN: T                                                          |                      | OVERALL                                                                                |                 |               |
| CKTS:                                                           |                      | 3-36                                                                                   |                 |               |
| KINKS:                                                          |                      | NONE                                                                                   |                 |               |
| REMOVED BACKWALLS:                                              |                      | NONE                                                                                   |                 |               |
| VOIDED CKTS:                                                    |                      | 2                                                                                      |                 |               |
| PACKAGING:                                                      |                      | BULK PK-40873-0041                                                                     |                 |               |
| CKTS                                                            | MATERIAL NUMBER      | CKTS                                                                                   | MATERIAL NUMBER |               |
| 02                                                              |                      | 20                                                                                     | 42377-1218      |               |
| 03                                                              | 42377-1201           | 21                                                                                     | 42377-1219      |               |
| 04                                                              | 42377-1202           | 22                                                                                     | 42377-1220      |               |
| 05                                                              | 42377-1203           | 23                                                                                     | 42377-1221      |               |
| 06                                                              | 42377-1204           | 24                                                                                     | 42377-1222      |               |
| 07                                                              | 42377-1205           | 25                                                                                     | 42377-1223      |               |
| 08                                                              | 42377-1206           | 26                                                                                     | 42377-1224      |               |
| 09                                                              | 42377-1207           | 27                                                                                     | 42377-1225      |               |
| 10                                                              | 42377-1208           | 28                                                                                     | 42377-1226      |               |
| 11                                                              | 42377-1209           | 29                                                                                     | 42377-1227      |               |
| 12                                                              | 42377-1210           | 30                                                                                     | 42377-1228      |               |
| 13                                                              | 42377-1211           | 31                                                                                     | 42377-1229      |               |
| 14                                                              | 42377-1212           | 32                                                                                     | 42377-1230      |               |
| 15                                                              | 42377-1213           | 33                                                                                     | 42377-1231      |               |
| 16                                                              | 42377-1214           | 34                                                                                     | 42377-1232      |               |
| 17                                                              | 42377-1215           | 35                                                                                     | 42377-1233      |               |
| 18                                                              | 42377-1216           | 36                                                                                     | 42377-1234      |               |
| 19                                                              | 42377-1217           |                                                                                        |                 |               |
|                                                                 |                      |                                                                                        |                 |               |
| REV:                                                            | ECR/ECN INFORMATION: | TITLE:                                                                                 |                 |               |
| <b>W13</b>                                                      | EC No: UCP2008-1274  | <b>KK 100 HEADER ASSEMBLY<br/>           FLAT RIGHT ANGLE<br/>           BREAKAWAY</b> |                 | SHEET No.     |
|                                                                 | DATE: 12/10/2007     |                                                                                        |                 | - 13 -        |
| DOCUMENT NUMBER:                                                |                      | CREATED / REVISED BY:                                                                  | CHECKED BY:     | APPROVED BY:  |
| <b>SD- 42377-001</b>                                            |                      | <b>ADERR</b>                                                                           | <b>JBELL</b>    | <b>FSMITH</b> |
| <small>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</small> |                      |                                                                                        |                 |               |

|                                                  |                 |                                   |                 |                              |                                                                  |                    |                    |                     |                  |  |
|--------------------------------------------------|-----------------|-----------------------------------|-----------------|------------------------------|------------------------------------------------------------------|--------------------|--------------------|---------------------|------------------|--|
|                                                  |                 |                                   |                 |                              |                                                                  |                    |                    |                     |                  |  |
| A-42377-1067/1100                                |                 |                                   |                 |                              | A-42377-1235/1269                                                |                    |                    |                     |                  |  |
| HEADER NUMBER:                                   |                 | 42312-0036                        |                 |                              | HEADER NUMBER:                                                   |                    | 42312-0036         |                     |                  |  |
| PIN NUMBER:                                      |                 | 42663-ATB208                      |                 |                              | PIN NUMBER:                                                      |                    | 42663-BXB228       |                     |                  |  |
| PIN LENGTH: L                                    |                 | .530 / 13.46                      |                 |                              | PIN LENGTH: L                                                    |                    | .645/16.48         |                     |                  |  |
| MATING LENGTH: M                                 |                 | .244 / 6.20                       |                 |                              | MATING LENGTH: M                                                 |                    | .324/8.23          |                     |                  |  |
| GOLD POINT: G                                    |                 | .140 / 3.56                       |                 |                              | GOLD POINT: G                                                    |                    | .140/3.56          |                     |                  |  |
| PIN HEIGHT: Y                                    |                 | .050 / 1.27                       |                 |                              | PIN HEIGHT: Y                                                    |                    | .070/1.78          |                     |                  |  |
| PC TAIL LENGTH: P                                |                 | .120 / 3.05                       |                 |                              | PC TAIL LENGTH: P                                                |                    | .135/3.43          |                     |                  |  |
| TIN: T                                           |                 | .135 / 3.43                       |                 |                              | TIN: T                                                           |                    | .135/3.43          |                     |                  |  |
| CKTS:                                            |                 | 3-36                              |                 |                              | CKTS:                                                            |                    | 2-36               |                     |                  |  |
| KINKS:                                           |                 | NONE                              |                 |                              | KINKS:                                                           |                    | NONE               |                     |                  |  |
| REMOVED BACKWALLS:                               |                 | NONE                              |                 |                              | REMOVED BACKWALLS:                                               |                    | NONE               |                     |                  |  |
| VOIDED CKTS:                                     |                 | 3                                 |                 |                              | VOIDED CKTS:                                                     |                    | NONE               |                     |                  |  |
| PACKAGING:                                       |                 | BULK PK-40873-0041                |                 |                              | PACKAGING:                                                       |                    | BULK PK-40873-0041 |                     |                  |  |
| CKTS                                             | MATERIAL NUMBER | CKTS                              | MATERIAL NUMBER |                              | CKTS                                                             | MATERIAL NUMBER    | CKTS               | MATERIAL NUMBER     |                  |  |
| 02                                               |                 | 20                                |                 |                              | 02                                                               | 42377-1235         | 20                 |                     |                  |  |
| 03                                               |                 | 21                                |                 |                              | 03                                                               |                    | 21                 |                     |                  |  |
| 04                                               |                 | 22                                |                 |                              | 04                                                               |                    | 22                 |                     |                  |  |
| 05                                               |                 | 23                                |                 |                              | 05                                                               |                    | 23                 |                     |                  |  |
| 06                                               |                 | 24                                |                 |                              | 06                                                               |                    | 24                 |                     |                  |  |
| 07                                               |                 | 25                                |                 |                              | 07                                                               |                    | 25                 |                     |                  |  |
| 08                                               |                 | 26                                |                 |                              | 08                                                               |                    | 26                 |                     |                  |  |
| 09                                               |                 | 27                                |                 |                              | 09                                                               |                    | 27                 |                     |                  |  |
| 10                                               |                 | 28                                |                 |                              | 10                                                               |                    | 28                 |                     |                  |  |
| 11                                               | 42377-1075      | 29                                |                 |                              | 11                                                               |                    | 29                 |                     |                  |  |
| 12                                               |                 | 30                                |                 |                              | 12                                                               |                    | 30                 |                     |                  |  |
| 13                                               |                 | 31                                |                 |                              | 13                                                               |                    | 31                 |                     |                  |  |
| 14                                               |                 | 32                                |                 |                              | 14                                                               |                    | 32                 |                     |                  |  |
| 15                                               |                 | 33                                |                 |                              | 15                                                               |                    | 33                 |                     |                  |  |
| 16                                               |                 | 34                                |                 |                              | 16                                                               |                    | 34                 |                     |                  |  |
| 17                                               |                 | 35                                |                 |                              | 17                                                               |                    | 35                 |                     |                  |  |
| 18                                               |                 | 36                                |                 |                              | 18                                                               |                    | 36                 |                     |                  |  |
| 19                                               |                 |                                   |                 |                              | 19                                                               |                    |                    |                     |                  |  |
|                                                  |                 |                                   |                 |                              |                                                                  |                    |                    |                     |                  |  |
| REV:                                             |                 | <u>ECR/ECN INFORMATION:</u>       |                 |                              | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |                    |                    |                     | <u>SHEET No.</u> |  |
| <b>W13</b>                                       |                 | <u>EC No:</u> <b>UCP2008-1274</b> |                 |                              |                                                                  |                    |                    |                     | <b>- 14 -</b>    |  |
|                                                  |                 | <u>DATE:</u> <b>12/10/2007</b>    |                 |                              |                                                                  |                    |                    |                     |                  |  |
| <u>DOCUMENT NUMBER:</u>                          |                 |                                   |                 | <u>CREATED / REVISED BY:</u> |                                                                  | <u>CHECKED BY:</u> |                    | <u>APPROVED BY:</u> |                  |  |
| <b>SD- 42377-001</b>                             |                 |                                   |                 | <b>ADERR</b>                 |                                                                  | <b>JBELL</b>       |                    | <b>FSMITH</b>       |                  |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                                   |                 |                              |                                                                  |                    |                    |                     |                  |  |

|                     |                 |                                              |                 |                     |                 |                    |                 |
|---------------------|-----------------|----------------------------------------------|-----------------|---------------------|-----------------|--------------------|-----------------|
| A-42377-1270 / 1304 |                 |                                              |                 | ✓ A-42377-1305/1339 |                 |                    |                 |
| HEADER NUMBER:      |                 | 42312-0036                                   |                 | HEADER NUMBER:      |                 | 42312-0036         |                 |
| PIN NUMBER:         |                 | 42663-BHA154                                 |                 | PIN NUMBER:         |                 | 42663-BYA154       |                 |
| PIN LENGTH: L       |                 | .590 / 14.99                                 |                 | PIN LENGTH: L       |                 | .650/16.51         |                 |
| MATING LENGTH: M    |                 | .343 / 8.71                                  |                 | MATING LENGTH: M    |                 | .394/10.01         |                 |
| GOLD POINT: G       |                 | N/A                                          |                 | GOLD POINT: G       |                 | N/A                |                 |
| PIN HEIGHT: Y       |                 | .070 / 1.78                                  |                 | PIN HEIGHT: Y       |                 | .050/1.27          |                 |
| PC TAIL LENGTH: P   |                 | <u>.055 +/- .025</u><br><u>1.40 +/- 0.64</u> |                 | PC TAIL LENGTH: P   |                 | .089/2.26          |                 |
| TIN: T              |                 | OVERALL                                      |                 | TIN: T              |                 | OVERALL            |                 |
| CKTS:               |                 | 2-36                                         |                 | CKTS:               |                 | 2-36               |                 |
| KINKS:              |                 | NONE                                         |                 | KINKS:              |                 | NONE               |                 |
| REMOVED BACKWALLS:  |                 | NONE                                         |                 | REMOVED BACKWALLS:  |                 | NONE               |                 |
| VOIDED CKTS:        |                 | 2                                            |                 | VOIDED CKTS:        |                 | NONE               |                 |
| PACKAGING:          |                 | BULK PK-40873-0041                           |                 | PACKAGING:          |                 | BULK PK-40873-0041 |                 |
| CKTS                | MATERIAL NUMBER | CKTS                                         | MATERIAL NUMBER | CKTS                | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                  |                 | 20                                           |                 | 02                  | 42377-1305      | 20                 |                 |
| 03                  | 42377-1271      | 21                                           |                 | 03                  |                 | 21                 |                 |
| 04                  |                 | 22                                           |                 | 04                  |                 | 22                 |                 |
| 05                  |                 | 23                                           |                 | 05                  |                 | 23                 |                 |
| 06                  |                 | 24                                           |                 | 06                  | 42377-1309      | 24                 |                 |
| 07                  |                 | 25                                           |                 | 07                  |                 | 25                 |                 |
| 08                  |                 | 26                                           |                 | 08                  |                 | 26                 |                 |
| 09                  |                 | 27                                           |                 | 09                  |                 | 27                 |                 |
| 10                  |                 | 28                                           |                 | 10                  |                 | 28                 |                 |
| 11                  |                 | 29                                           |                 | 11                  |                 | 29                 |                 |
| 12                  |                 | 30                                           |                 | 12                  |                 | 30                 |                 |
| 13                  |                 | 31                                           |                 | 13                  |                 | 31                 |                 |
| 14                  |                 | 32                                           |                 | 14                  |                 | 32                 |                 |
| 15                  |                 | 33                                           |                 | 15                  |                 | 33                 |                 |
| 16                  |                 | 34                                           |                 | 16                  |                 | 34                 |                 |
| 17                  |                 | 35                                           |                 | 17                  |                 | 35                 |                 |
| 18                  |                 | 36                                           |                 | 18                  |                 | 36                 |                 |
| 19                  |                 |                                              |                 | 19                  |                 |                    |                 |

|                  |                      |                            |             |               |
|------------------|----------------------|----------------------------|-------------|---------------|
| REV:             | ECR/ECN INFORMATION: | TITLE:                     |             | SHEET No.     |
| <b>W13</b>       | EC No:               | KK 100 HEADER ASSEMBLY     |             | <b>- 15 -</b> |
|                  | DATE:                | FLAT RIGHT ANGLE BREAKAWAY |             |               |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY:      | CHECKED BY: | APPROVED BY:  |
| SD- 42377-001    |                      | ADERR                      | JBELL       | FSMITH        |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

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|--------------------------------------------------|----------------------|------------------------------------------|------------------------------------------------------------------|
|                                                  |                      |                                          |                                                                  |
|                                                  |                      |                                          |                                                                  |
| ✓ A-42377-1340/1358                              |                      |                                          |                                                                  |
| HEADER NUMBER:                                   |                      | 42312-0036                               |                                                                  |
| PIN NUMBER:                                      |                      | 42663-AFB208                             |                                                                  |
| PIN LENGTH: L                                    |                      | .475/12.07                               |                                                                  |
| MATING LENGTH: M                                 |                      | .195/4.95                                |                                                                  |
| GOLD POINT: G                                    |                      | .150/3.81                                |                                                                  |
| PIN HEIGHT: Y                                    |                      | .058/1.47                                |                                                                  |
| PC TAIL LENGTH: P                                |                      | .093/2.36                                |                                                                  |
| TIN: T                                           |                      | .100/2.54                                |                                                                  |
| CKTS:                                            |                      | 18-36                                    |                                                                  |
| KINKS:                                           |                      | NONE                                     |                                                                  |
| REMOVED BACKWALLS:                               |                      | NONE                                     |                                                                  |
| VOIDED CKTS:                                     |                      | 2, 4, 5, 6, 7, 9, 11, 12, 13, 14, 16, 18 |                                                                  |
| PACKAGING:                                       |                      | BULK PK-40873-0041                       |                                                                  |
| CKTS                                             | MATERIAL NUMBER      | CKTS                                     | MATERIAL NUMBER                                                  |
|                                                  |                      | 20                                       |                                                                  |
|                                                  |                      | 21                                       |                                                                  |
|                                                  |                      | 22                                       |                                                                  |
|                                                  |                      | 23                                       |                                                                  |
|                                                  |                      | 24                                       |                                                                  |
|                                                  |                      | 25                                       |                                                                  |
|                                                  |                      | 26                                       |                                                                  |
|                                                  |                      | 27                                       |                                                                  |
|                                                  |                      | 28                                       |                                                                  |
|                                                  |                      | 29                                       |                                                                  |
|                                                  |                      | 30                                       |                                                                  |
|                                                  |                      | 31                                       |                                                                  |
|                                                  |                      | 32                                       |                                                                  |
|                                                  |                      | 33                                       |                                                                  |
|                                                  |                      | 34                                       |                                                                  |
|                                                  |                      | 35                                       |                                                                  |
| 18                                               |                      | 36                                       |                                                                  |
| 19                                               | 42377-1341           |                                          |                                                                  |
|                                                  |                      |                                          |                                                                  |
| REV:                                             |                      | TITLE:                                   |                                                                  |
| <b>W13</b>                                       | ECR/ECN INFORMATION: |                                          | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |
|                                                  | EC No: UCP2008-1274  |                                          |                                                                  |
|                                                  | DATE: 12/10/2007     |                                          |                                                                  |
| SHEET No.                                        |                      | <b>- 16 -</b>                            |                                                                  |
|                                                  |                      |                                          |                                                                  |
| DOCUMENT NUMBER:                                 |                      | CREATED / REVISED BY:                    | CHECKED BY:                                                      |
| <b>SD- 42377-001</b>                             |                      | <b>ADERR</b>                             | <b>JBELL</b>                                                     |
|                                                  |                      | APPROVED BY:                             |                                                                  |
|                                                  |                      | <b>FSMITH</b>                            |                                                                  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                      |                                          |                                                                  |

| ✓ A-42377-1359/1393 |                 |                    |                 |
|---------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:      |                 | 42312-0036         |                 |
| PIN NUMBER:         |                 | 42663-CJA154       |                 |
| PIN LENGTH: L       |                 | .700 / 17.78       |                 |
| MATING LENGTH: M    |                 | .394/10.01         |                 |
| GOLD POINT: G       |                 | N/A                |                 |
| PIN HEIGHT: Y       |                 | .050/1.27          |                 |
| PC TAIL LENGTH: P   |                 | .135 / 3.43        |                 |
| TIN: T              |                 | OVERALL            |                 |
| CKTS:               |                 | 2-36               |                 |
| KINKS:              |                 | PER SMES-42003     |                 |
| REMOVED BACKWALLS:  |                 | NONE               |                 |
| VOIDED CKTS:        |                 | NONE               |                 |
| PACKAGING:          |                 | BULK PK-40873-0041 |                 |
| CKTS                | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                  |                 | 20                 |                 |
| 03                  |                 | 21                 |                 |
| 04                  |                 | 22                 |                 |
| 05                  |                 | 23                 |                 |
| 06                  | 42377-1363      | 24                 |                 |
| 07                  |                 | 25                 |                 |
| 08                  |                 | 26                 |                 |
| 09                  |                 | 27                 |                 |
| 10                  |                 | 28                 |                 |
| 11                  |                 | 29                 |                 |
| 12                  |                 | 30                 |                 |
| 13                  |                 | 31                 |                 |
| 14                  |                 | 32                 |                 |
| 15                  |                 | 33                 |                 |
| 16                  |                 | 34                 |                 |
| 17                  |                 | 35                 |                 |
| 18                  |                 | 36                 |                 |
| 19                  |                 |                    |                 |