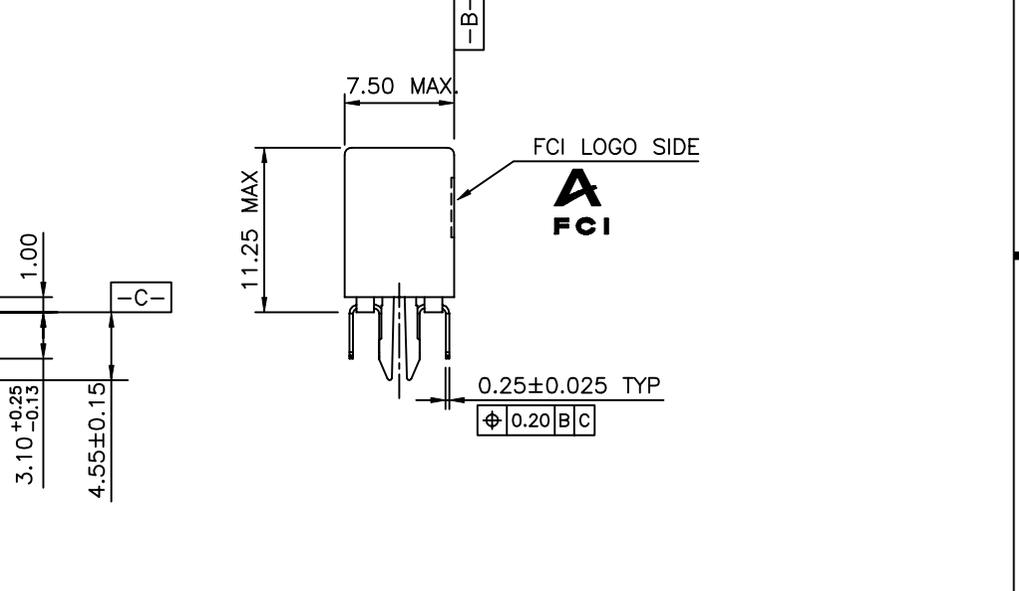
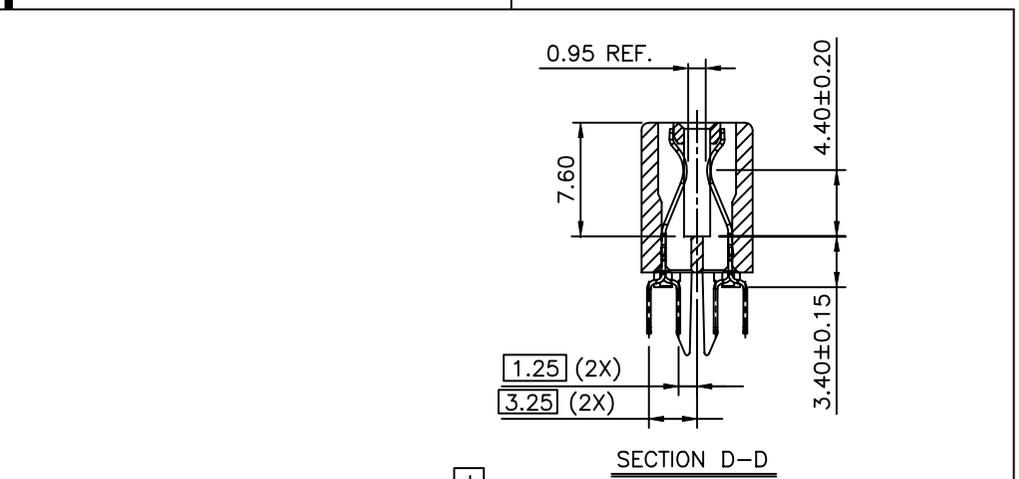
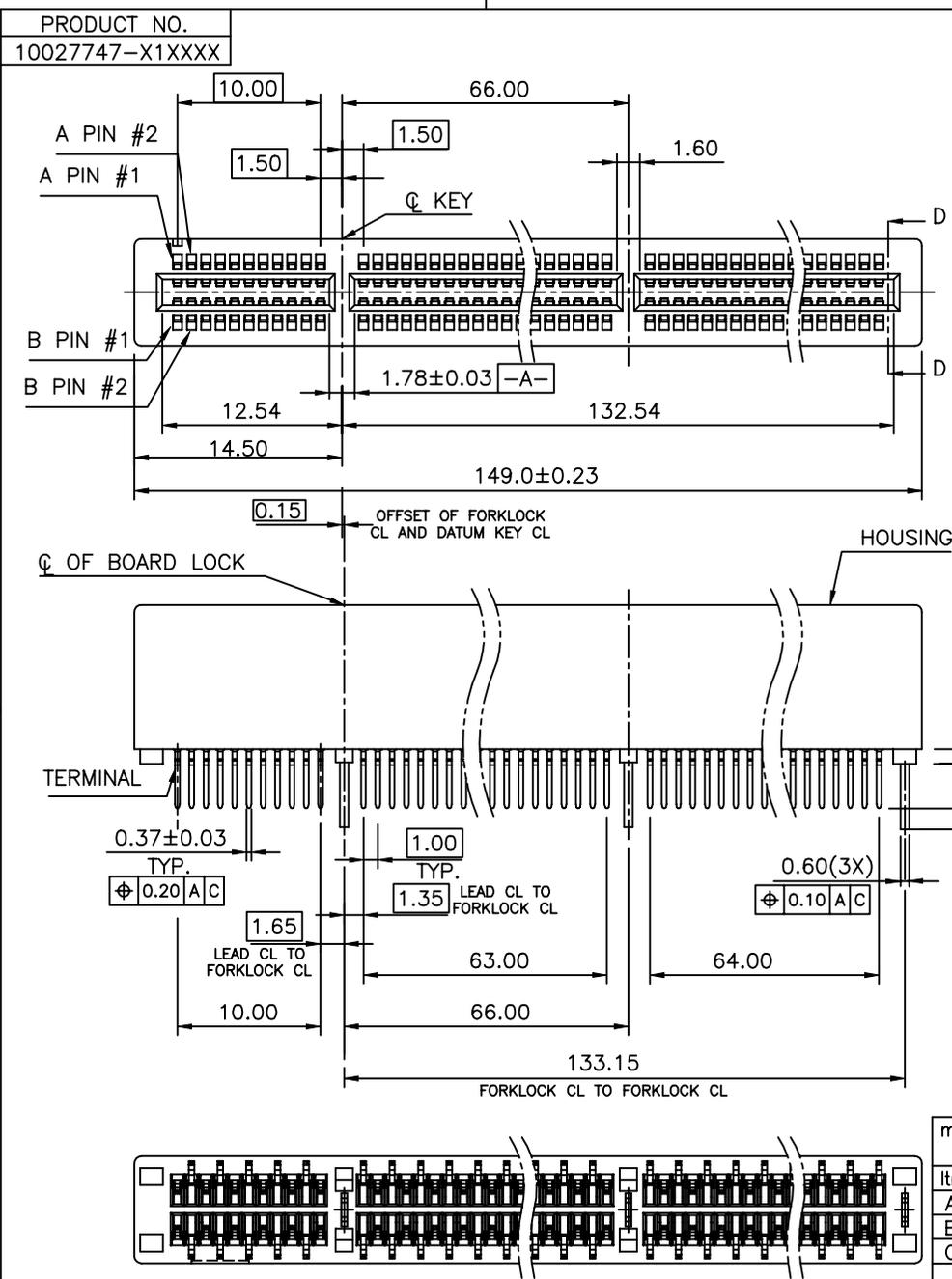


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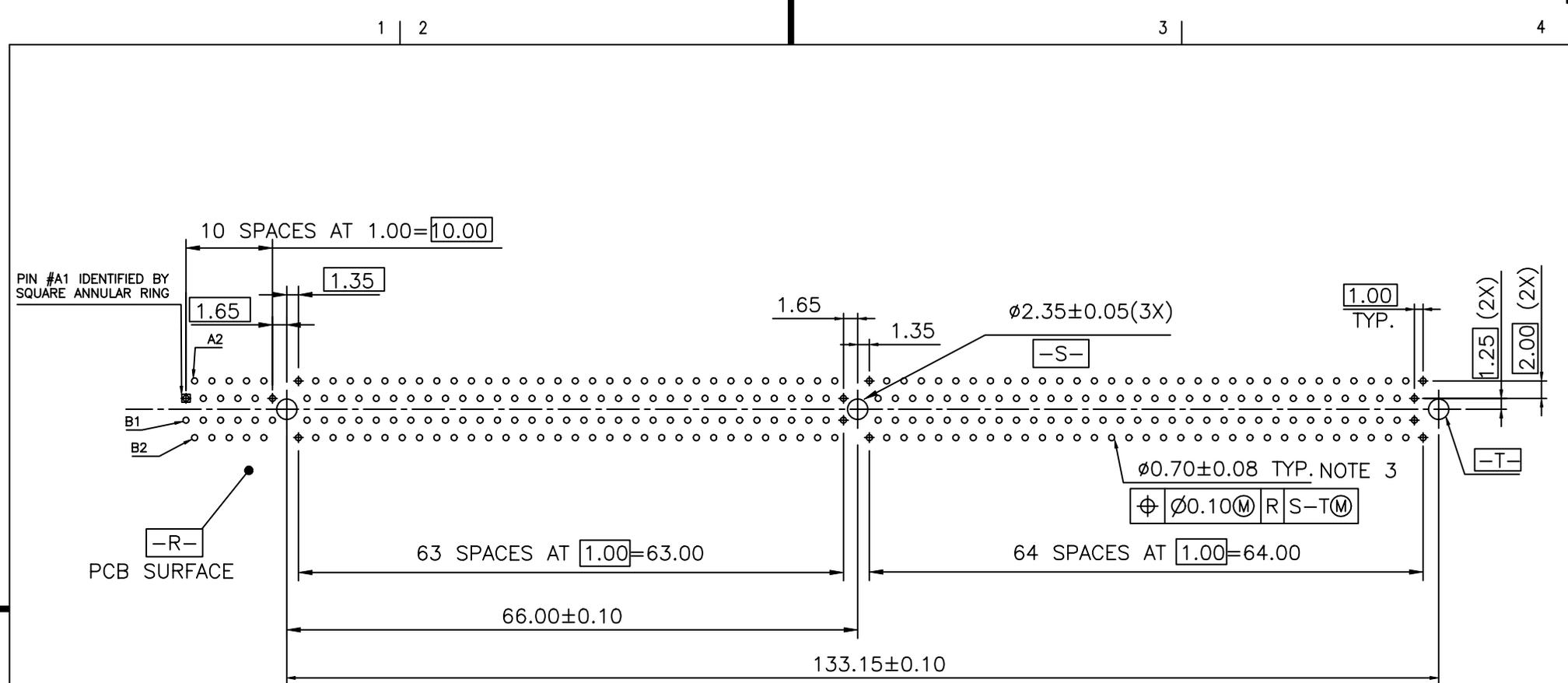


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| ltr | ecn no | dr | date | linear | .X ± 0.30 | projection | title | | |
| A | T04-0386 | M W | 10/07/04 | | .XX ± 0.20 | | PCI EXPRESS | | |
| B | T04-0427 | M W | 12/10/04 | angles | .XXX ± 0.10 | MM | CARD EDGE ASSY 280P | | |
| C | T05-0010 | M W | 01/11/05 | | 0° ± 2° | | product family | | EDGE CARD |
| | | | | dr | MAGGIE WU | 04/23/03 | size | dwg no | TWN |
| | | | | engr | R Y LIU | 04/23/03 | 10027747 | | sheet |
| | | | | chr | R Y LIU | 04/23/03 | A4 | | 1 of 4 |
| | | | | appd | JENN TSAO | 04/23/03 | scale | | |
| sheet index | | revision sheet | C 1 | A 2 | A 3 | C 4 | 2:1 | | |

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MOTHER BOARD FOOTPRINT PATTERN
CONNECTOR SIDE SHOWN

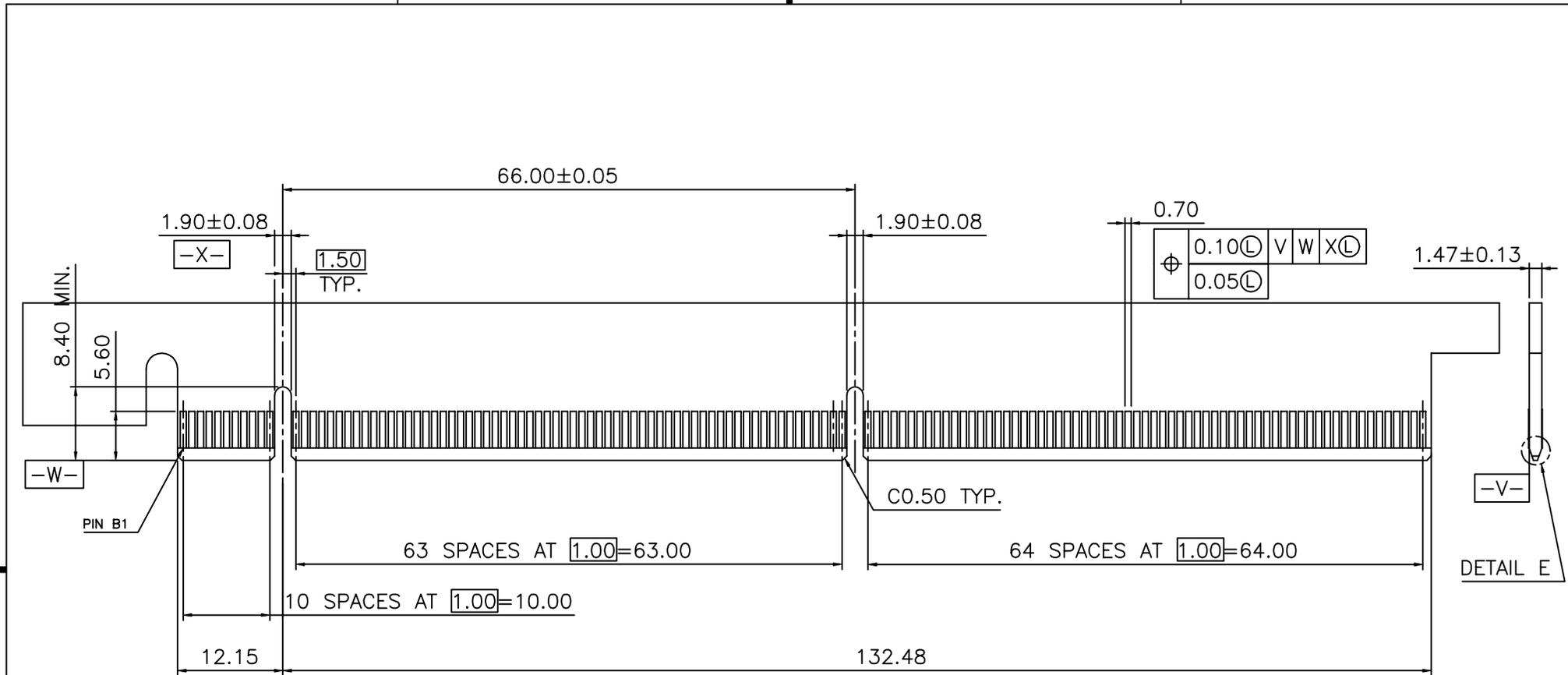
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| ltr | ecn no | dr | date | linear | .X ± | projection | title | | |
| A | | | | | .XX ± | | | PCI EXPRESS CARD EDGE ASS'Y 280P | |
| | | | | angles | .XXX ± | MM | | product family | EDGE CARD |
| | | | | dr | 0° ±2° | | scale | size | dwg no |
| | | | | engr | MAGGIE WU 04/23/03 | 1.5:1 | | A4 10027747 | |
| | | | | chr | R Y LIU 04/23/03 | | | | |
| | | | | appd | JENN TSAO 04/23/03 | | | | |
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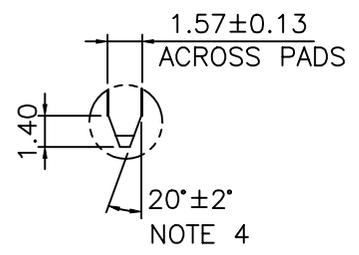
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FCI



DAUGHTER CARD
PRIMARY (COMPONENT) SIDE



SCALE 2:1
DETAIL E

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| ltr | ecn no | dr | date | linear | .X ± | | projection | title | | | |
| A | | | | | .XX ± | | | PCI EXPRESS CARD EDGE ASS'Y 280P | | | |
| | | | | angles | .XXX ± | | MM | product family | | code | |
| | | | | | 0° ±2° | | | EDGE CARD | | TWN | |
| | | | | dr | MAGGIE WU | 04/23/03 | scale | size | | sheet | |
| | | | | engr | R Y LIU | 04/23/03 | | dwg no | | 3 of | |
| | | | | chr | R Y LIU | 04/23/03 | | A4 | | | |
| | | | | appd | JENN TSAO | 04/23/03 | | 10027747 | | | |
| sheet index | revision sheet | | | | | | | | | | |

NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED. SUITABLE FOR REFLOW SOLDERING.
 TERMINAL: COPPER ALLOY
 PLATING: 50u" NICKEL UNDERPLATE ALL OVER
 CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
 SOLDER TAIL: TIN OR TIN/LEAD (90/10) - SEE PRODUCT NUMBER CODE 100u" MIN. OVER 50u" NICKEL
 METAL BOARD LOCKS: COPPER ALLOY
 FINISH: 100u" TIN OR TIN/LEAD (90/10) OVER 50u" NICKEL
 UNDERPLATE SEE PRODUCT NUMBER CODE

2. PRODUCT SPECIFICATION: GS-12-233

③ THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO Ø2.35 HOLES.
 THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z.

④ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

5. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

PRODUCT NUMBER CODE

10027747 -x x x x x □ □

HOUSING COLOR OPTIONS

1-BLACK

PEGS OPTIONS

1-METAL BOARD LOCKS

TERMINAL PLATING OPTIONS

LEAD FREE OPTION

LEAVE BLANK FOR TERMINAL PLATING 3.4.5
"LF" FOR TERMINAL PLATING OPTION 0.1.2

PACKAGING OPTIONS
T-TRAY PACKAGING

RESERVED

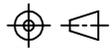
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TAIL LENGTH OPTIONS

- 0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
- 1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
- 2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
- 3-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS
- 4-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS
- 5-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

| | TAIL LENGTH | PCB THICKNESS |
|---|--|---------------|
| 1 | 3.10 ^{+0.25} / _{-0.13} | 2.36±0.10 |

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| ltr | ecn no | dr | date | linear | .X ± | projection | title | | | |
| C | | | | | .XX ± | | PCI EXPRESS CARD EDGE ASS'Y 280P | | | |
| | | | | angles | .XXX ± |  MM | product family | | code | |
| | | | | | dr | | 0° ±2° | EDGE CARD | | TWN |
| | | | | engr | MAGGIE WU 04/23/03 | scale | size | | sheet | |
| | | | | chr | R Y LIU 04/23/03 | | 1:1 | dwg no | | 4 of |
| | | | | appd | JENN TSAO 04/23/03 | | | A4 | | 10027747 |
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