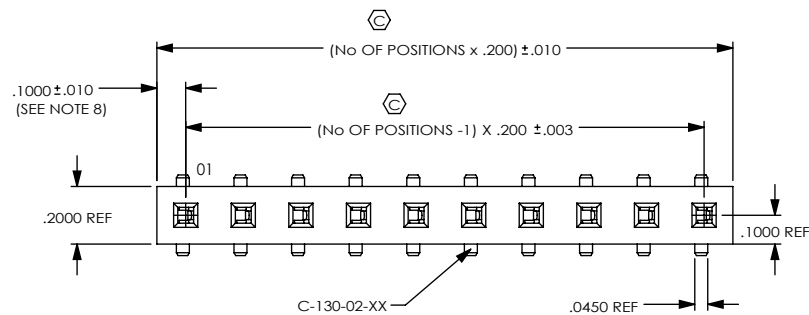


DO NOT
SCALE FROM
THIS PRINT



HPF-XX-XX-XX-S-XX-XX

No OF POSITIONS
-02 THRU -20
(PER ROW)

LEAD STYLE
-01: THROUGH HOLE (SEE FIG 4) ☒
-02: SURFACE MOUNT

PLATING SPECIFICATION
-T: TIN (USE C-130-XX-T)
-H: HEAVY GOLD (USE C-130-XX-H)
-TM: MATTE TIN (USE C-130-XX-T)

ROW SPECIFICATION
-S: SINGLE (USE HPF-XX-S)

POLARIZATION
-02 THRU -06, -08, -10
(SEE TABLE 2 FOR AVAILABLE COMBINATIONS)
(SEE SHT 3, IN-PROCESS 1 POLARIZED FILL)

= INTERNAL USE ONLY
NOT FOR SALE
* = NOT ENGINEERING
APPROVED

OPTION (STYLE -02 ONLY)
-LC: LOCKING CLIP (USE LC-05-TM) (SEE SHT 2, FIG 2)
(SEE NOTE 9)
* -A: ALIGNMENT PIN (SEE SHT 2, FIG 2)
(USE HPF-XX-S-A)
-K: POLYIMIDE FILM PAD
(SEE SHT 2, FIG 3) (USE K-DOT-.256-.375-.005)
-TR: TAPE & REEL (14 POS MAX. -02 LEAD STYLE ONLY)

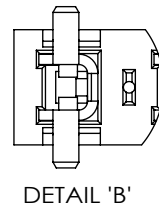
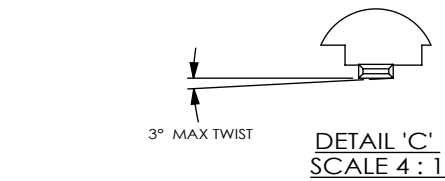
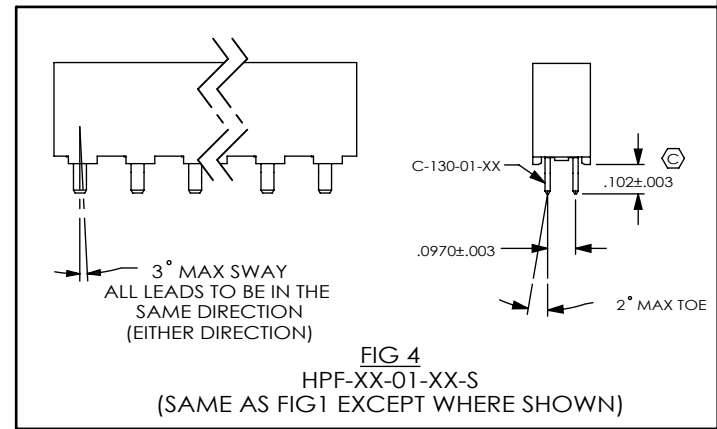
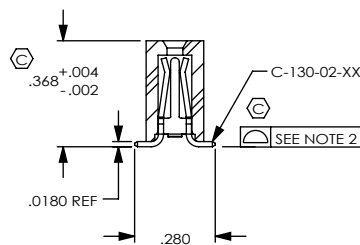
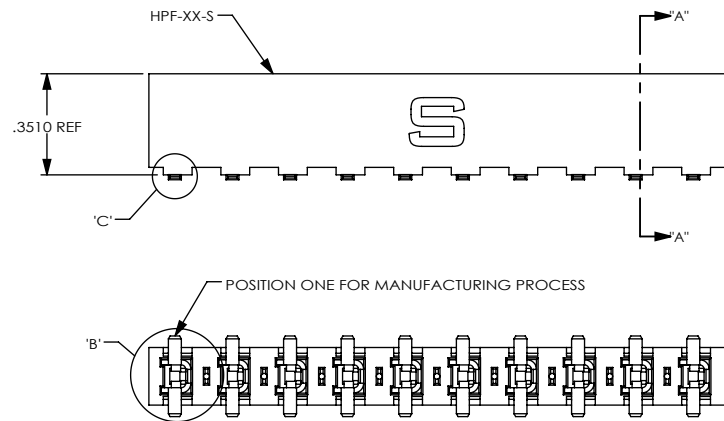


TABLE 2	
FINISHED GOODS	SUBASSEMBLY
HPF-02-01-T-S	HPF-20-01-T-S-02
HPF-02-02-T-S-XX	HPF-20-02-T-S-02
HPF-03-01-T-S	HPF-20-01-T-S-03
HPF-03-02-T-S-XX	HPF-20-02-T-S-03
HPF-04-01-T-S	HPF-20-01-T-S-04
HPF-04-02-T-S-XX	HPF-20-02-T-S-04
HPF-04-02-H-S-XX	HPF-20-02-H-S-04
HPF-05-02-T-S-XX	HPF-20-02-T-S-05
HPF-06-01-T-S	HPF-20-01-T-S-06
HPF-08-01-T-S	HPF-20-01-T-S-08
HPF-10-01-T-S	HPF-20-01-T-S-10
HPF-08-02-T-S	HPF-20-02-T-S-08
ALL REMAINING CONFIGURATIONS	HPF-20-01-T-S

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN :
2-10 POS: .006
11-20 POS: .008
3. BURR ALLOWANCE: .0015 MAX.
4. MAXIMUM CUT FLASH: .020.
5. MINIMUM PUSHOUT FORCE: 1.0 LB.
6. ALL PARTS TO BE TUBE PACKAGED.
7. OPEN PART OF CONTACT FILLED TOWARDS #1 PIN INDICATOR.
8. MINIMUM WALL THICKNESS TO BE .010.
9. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE
-LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT, SAMTEC
RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH
THE -LC OPTION.

FIG 1
HPF-XX-02-XX-S-XX

TABLE 1		
LEAD STYLE	PLATING	
	-T	-H
01	02, 03, 04, 06, 08	N/A
02	02, 03, 04, 05	04

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01	2°
.XXX: ±.005	
.XXXX: ±.0020	

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

MATERIAL: VECTRA E130i
COLOR: BLACK
CONTACT: BeCu, 174HT

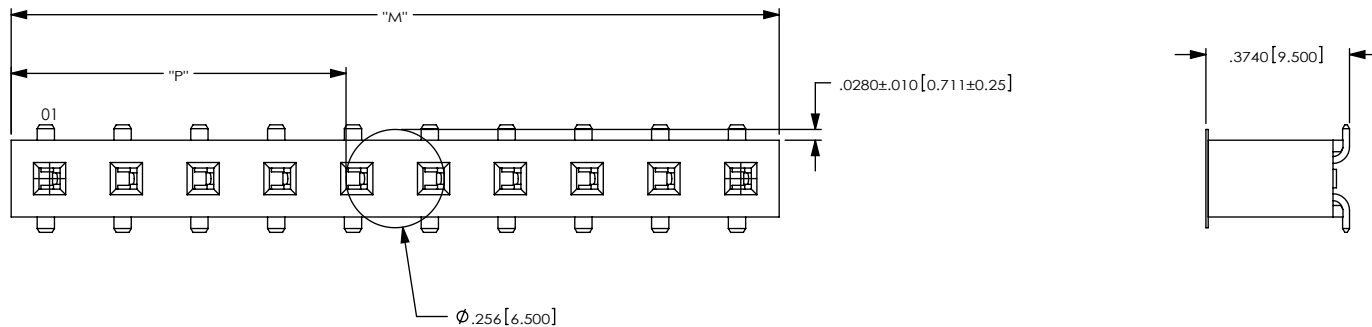
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.200 HI POWER SOCKET ASSEMBLY

DWG. NO. HPF-XX-XX-XX-S-XX-XX

BY: DEAN P 01/04/1999 **SHEET 1 OF 3**



NOTE: "M" = USED MEASURED DIMENSION (REF)
 "P" = $\{("M" - .256 [6.50]) / 2\} \pm .020 [.51]$

FIG 3
 -K: POLYIMIDE FILM PAD OPTION
 (SHOWN: HPF-10-02-X-S-K)

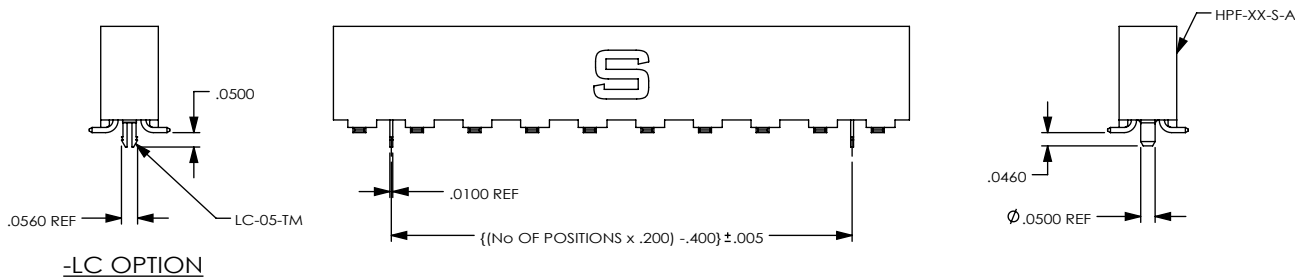
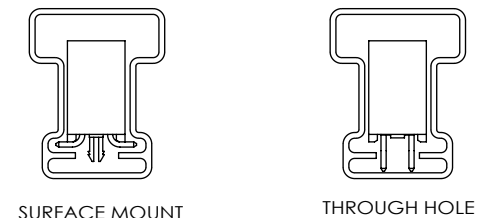


FIG 2
 -LC & -A OPTIONS
 (-LC & -A OPTION ONLY AVAILABLE ON -02 LEAD STYLE)
 (SAME AS FIG 1 EXCEPT WHERE SHOWN)

PACKAGING VIEW



TUBE: PT-1-24-02-44
 PLUG: TP-09

SEE NOTES 6 & 7 FOR ADDITIONAL PACKAGING INSTRUCTIONS

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SHEET SCALE: 2:1

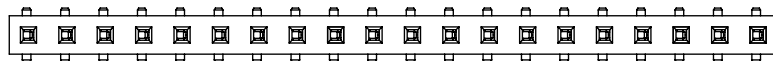
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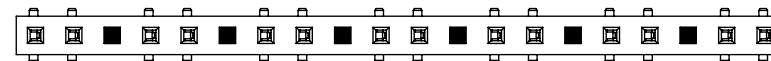
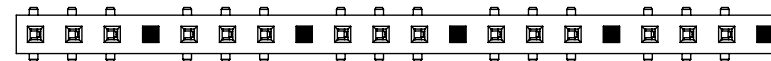
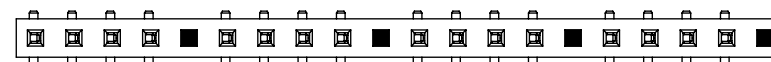
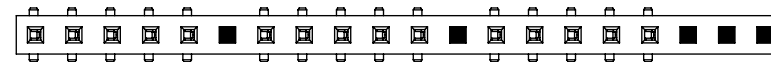
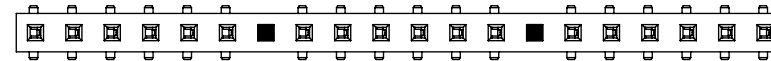
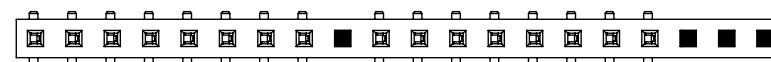
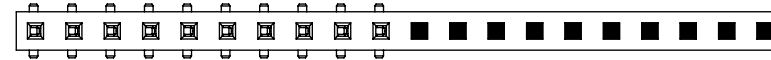
DESCRIPTION:
 .200 HI POWER SOCKET ASSEMBLY

DWG. NO.
HPF-XX-XX-XX-S-XX-XX

BY: DEAN P 01/04/1999 SHEET 2 OF 3

IN-PROCESS 1
FILL C-130-XX-X**STANDARD FILL****POLARIZED OPTION**

■ = DENOTES EMPTY POSITION

-02 POLARIZATION
(7 FINISHED GOODS)
HPF-20-02-XX-S-02 SHOWN**-03 POLARIZATION**
(5 FINISHED GOODS)
HPF-20-02-XX-S-03 SHOWN**-04 POLARIZATION**
(4 FINISHED GOODS)
HPF-20-02-XX-S-04 SHOWN**-05 POLARIZATION**
(3 FINISHED GOODS)
HPF-20-02-XX-S-05 SHOWN**-06 POLARIZATION**
(3 FINISHED GOODS)
HPF-20-02-XX-S-06 SHOWN**-08 POLARIZATION**
(2 FINISHED GOODS)
HPF-20-02-XX-S-08 SHOWN**-10 POLARIZATION**
(1 FINISHED GOODS)
HPF-20-02-XX-S-10 SHOWN**PROPRIETARY NOTE**

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SHEET SCALE: 1.5:1

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DESCRIPTION:
.200 HI POWER SOCKET ASSEMBLYDWG. NO.
HPF-XX-XX-XX-S-XX-XX

BY: DEAN P 01/04/1999 SHEET 3 OF 3