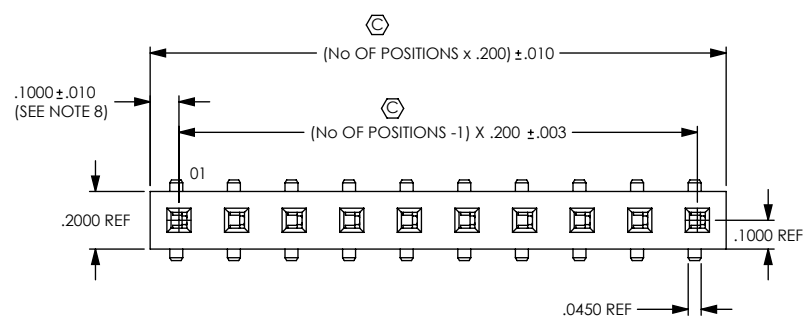


DO NOT SCALE FROM THIS PRINT



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

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

LEAD STYLE
-01: THROUGH HOLE (SEE FIG 4) (USE C-130-03-X)
-02: SURFACE MOUNT (USE C-130-04-X)

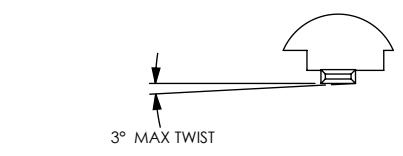
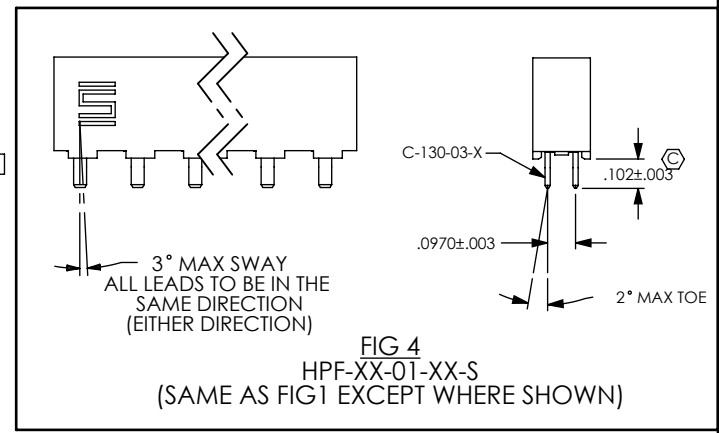
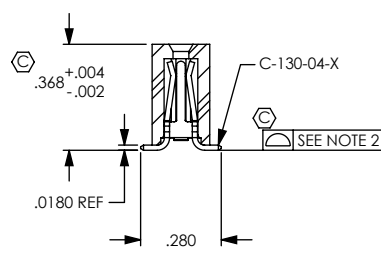
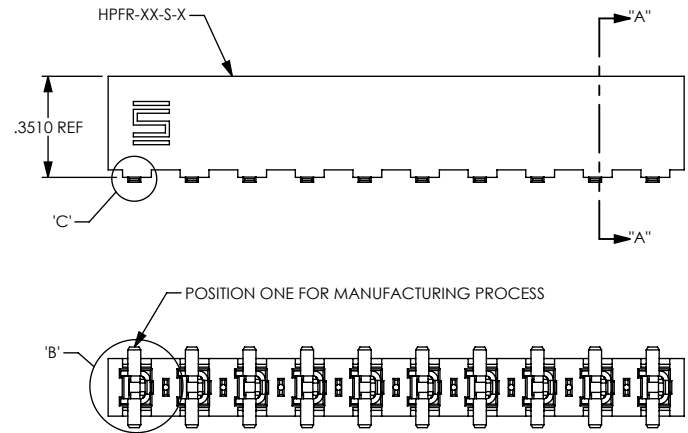
PLATING SPECIFICATION
-T: TIN (USE C-130-XX-T)
-H: HEAVY GOLD (USE C-130-XX-H)
-TM: MATTE TIN (USE C-130-XX-T)

ROW SPECIFICATION
-S: SINGLE (USE HPFR-XX-S-X)

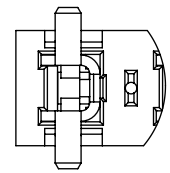
POLARIZATION
-02 THRU -06, -08, -10 (SEE TABLE 2 FOR AVAILABLE COMBINATIONS) (SEE SHT 3, IN-PROCESS 1 POLARIZED FILL)

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)
-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)

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



DETAIL 'C'
SCALE 4:1



DETAIL 'B'

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

NOTES:


- ⊙ REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY TO BE WITHIN :
2-10 POS: .006
11-20 POS: .008
- BURR ALLOWANCE: .0015 MAX.
- MAXIMUM CUT FLASH: .020.
- MINIMUM PUSHOUT FORCE: 1.0 LB.
- ALL PARTS TO BE TUBE PACKAGED.
- OPEN PART OF CONTACT FILLED TOWARDS #1 PIN INDICATOR.
- MINIMUM WALL THICKNESS TO BE .010.
- 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.
- NOTE DELETED.

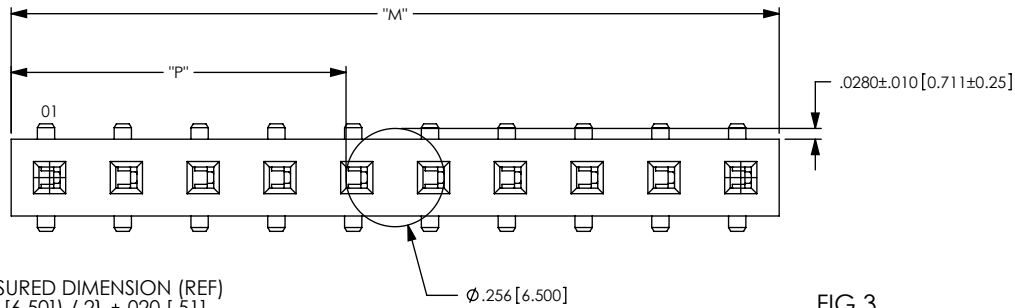
TABLE 1

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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 2° .XXX: ±.005 .XXXX: ±.0020	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 53322	
		MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1 MATERIAL: VECTRA E130i COLOR: BLACK CONTACT: BeCu, 174HT	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" = $\{("M" - .256 [6.500]) / 2\} \pm .020 [.51]$

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

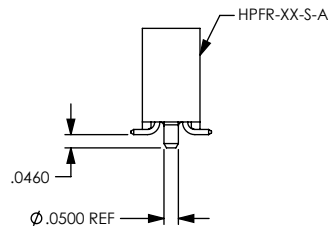
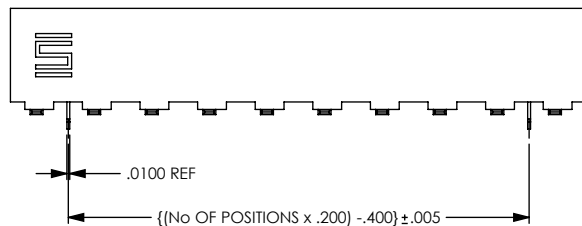
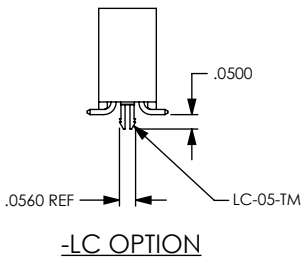
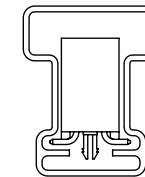
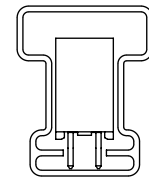


FIG 2
 -LC & -A OPTIONS
 (-LC & -A OPTION ONLY AVAILABLE ON -02 LEAD STYLE)
 (SAME AS FIG 1 EXCEPT WHERE SHOWN)

PACKAGING VIEW



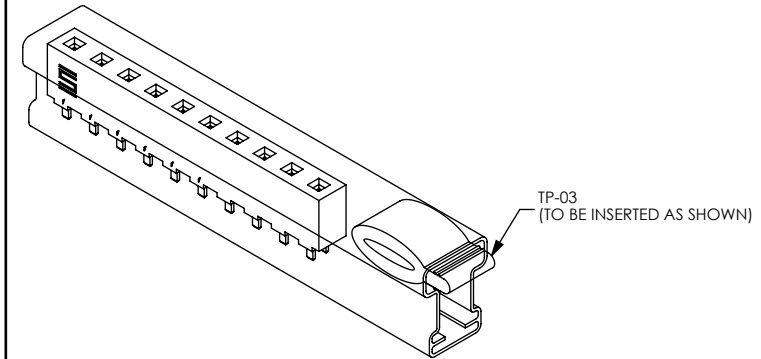
SURFACE MOUNT



THROUGH HOLE

TUBE: PT-1-24-02-44
 PLUG: TP-03

SEE NOTES 6 & 7 FOR ADDITIONAL PACKAGING INSTRUCTIONS



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SHEET SCALE: 2:1



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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

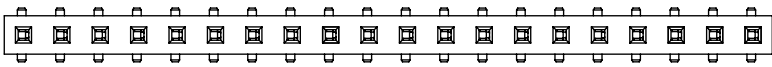
DWG. NO. HPF-XX-XX-XX-S-XX-XX

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

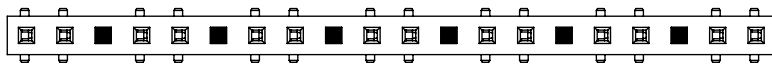
POLARIZED OPTION

■ = DENOTES EMPTY POSITION

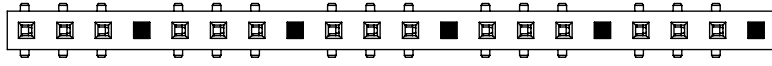
STANDARD FILL



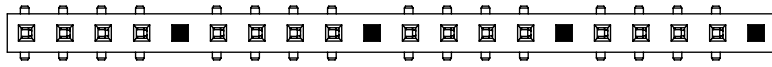
-02 POLARIZATION
(7 FINISHED GOODS)
HPF-20-02-XX-S-02 SHOWN



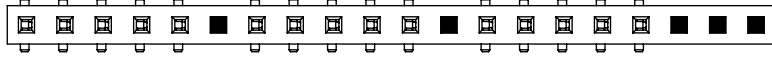
-03 POLARIZATION
(5 FINISHED GOODS)
HPF-20-02-XX-S-03 SHOWN



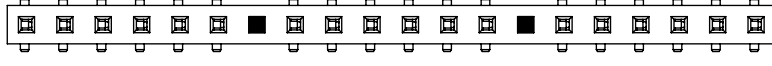
-04 POLARIZATION
(4 FINISHED GOODS)
HPF-20-02-XX-S-04 SHOWN



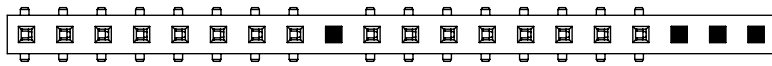
-05 POLARIZATION
(3 FINISHED GOODS)
HPF-20-02-XX-S-05 SHOWN



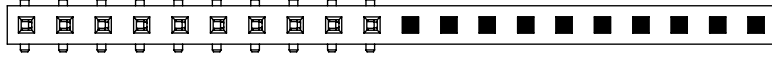
-06 POLARIZATION
(3 FINISHED GOODS)
HPF-20-02-XX-S-06 SHOWN



-08 POLARIZATION
(2 FINISHED GOODS)
HPF-20-02-XX-S-08 SHOWN



-10 POLARIZATION
(1 FINISHED GOODS)
HPF-20-02-XX-S-10 SHOWN



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SHEET SCALE: 1.5:1

DESCRIPTION: .200 HI POWER SOCKET ASSEMBLY

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

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