

DO NOT SCALE FROM THIS PRINT

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

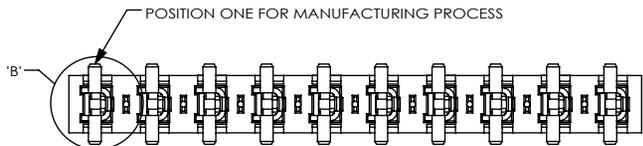
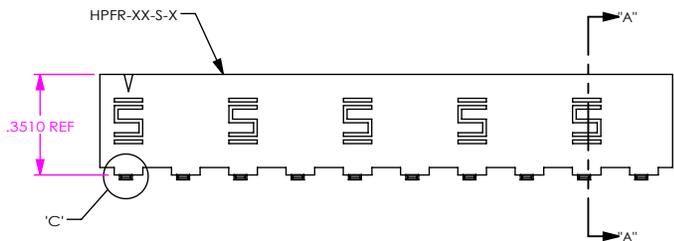
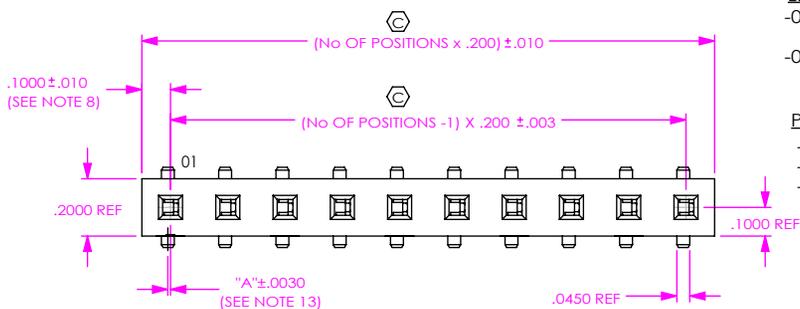


FIG 1  
HPF-XX-02-XX-S

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.
- TUBES ARE STANDARD PACKAGING.
- 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.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.
- IN THE TOP VIEW, THE PROPER LOCATION OF THE OFFSET SOLDER TAIL WILL BE WITH THE SOLDER TAIL OFFSET TO THE LEFT OF THE MATING OR PLUGGING HOLE. THE OFFSET IS DESCRIBED BY THE .009 REF.

F:\DWG\MISC\MKTG\HPF-XX-XX-XX-S-XX-XX-X-XX-MKT.SLDDRW

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)

OPTION

- LC: LOCKING CLIP (USE LC-05-TM) (SEE SHT 2, FIG 2)  
(-02 LEAD STYLE ONLY, SEE NOTE 9)
- \*-A: ALIGNMENT PIN (-02 LEAD STYLE ONLY)  
(SEE SHT 2, FIG 2)

PACKAGING

- BLANK: TUBES (SEE NOTE 6)
- TR: TAPE & REEL  
(SEE NOTES 11 & 12)  
(-02 LEAD STYLE ONLY)  
(14 POS MAX)
- FR: FULL REEL QTY TAPE & REEL  
(SEE NOTES 11 & 12)  
(-02 LEAD STYLE ONLY)  
(14 POS MAX)

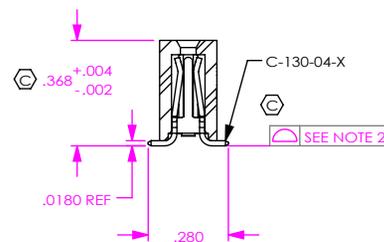
PICK & PLACE OPTION

- K: POLYIMIDE FILM  
(USE K-K-DOT-.256-.375-.005)  
(SEE FIG 3, SHT 2)

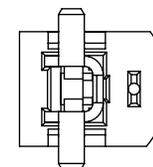
POLARIZATION

# -02 THRU -06, -08, -10, -12  
(SEE SHT 3, TABLE 2 FOR AVAILABLE COMBINATIONS)  
(SEE SHT 3, IN-PROCESS 1 POLARIZED FILL)

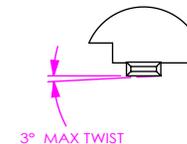
# = INTERNAL USE ONLY  
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\* = NOT ENGINEERING  
APPROVED



SECTION "A"- "A"



DETAIL 'B'



DETAIL 'C'  
SCALE 4 : 1

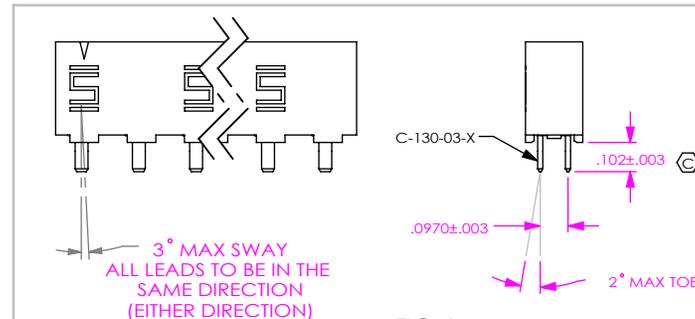


FIG 4  
HPF-XX-01-XX-S  
(SAME AS FIG1 EXCEPT WHERE SHOWN)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

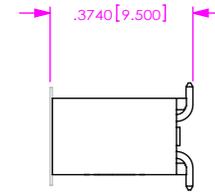
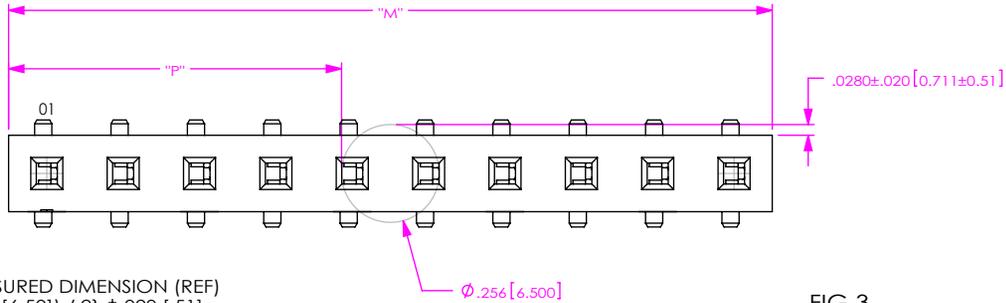
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

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

DESCRIPTION:  
.200 HI POWER SOCKET ASSEMBLY

DWG. NO. HPF-XX-XX-XX-S-XX-XX-X-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)

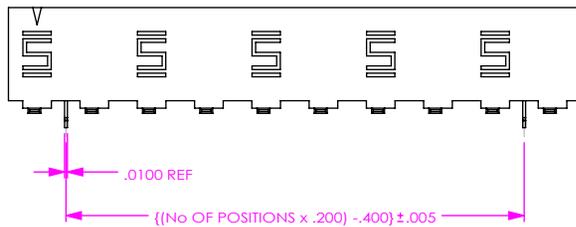
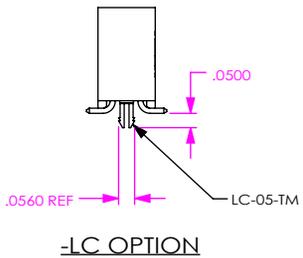
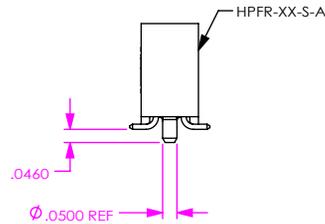
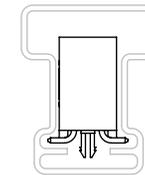


FIG 2

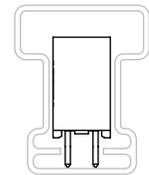
-LC & -A OPTIONS  
 (-LC & -A OPTION ONLY AVAILABLE ON -02 LEAD STYLE)  
 (SAME AS FIG 1 EXCEPT WHERE SHOWN)



-A OPTION



SURFACE MOUNT



THROUGH HOLE

TUBE: PT-1-24-02-44  
 PLUG: TP-07

SEE NOTES 6 & 7 FOR ADDITIONAL PACKAGING INSTRUCTIONS

PACKAGING VIEW

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



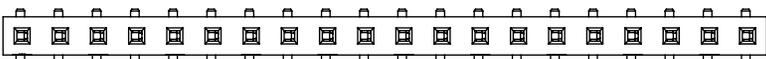
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .200 HI POWER SOCKET ASSEMBLY

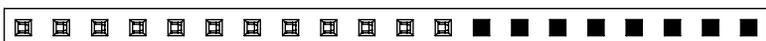
DWG. NO. HPF-XX-XX-XX-S-XX-XX-X-XX

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

**STANDARD FILL**



**-12 POLARIZATION**  
(1 FINISHED GOODS)  
HPF-20-01-XX-S-12 SHOWN



**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



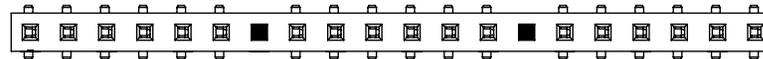
**-04 POLARIZATION**  
(4 FINISHED GOODS)  
HPF-20-02-XX-S-04 SHOWN



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



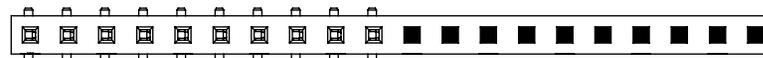
**-06 POLARIZATION**  
(3 FINISHED GOODS)  
HPF-20-02-XX-S-06 SHOWN



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



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



**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-05-01-T-S	HPF-20-01-T-S-05
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
HPF-12-01-T-S	HPF-20-01-T-S-12
ALL REMAINING CONFIGURATIONS	HPF-20-01-T-S

**TABLE 1**

PLATING		
LEAD STYLE	-T	-H
01	02, 03, 04, 05, 06, 08, 12	N/A
02	02, 03, 04, 05	04

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