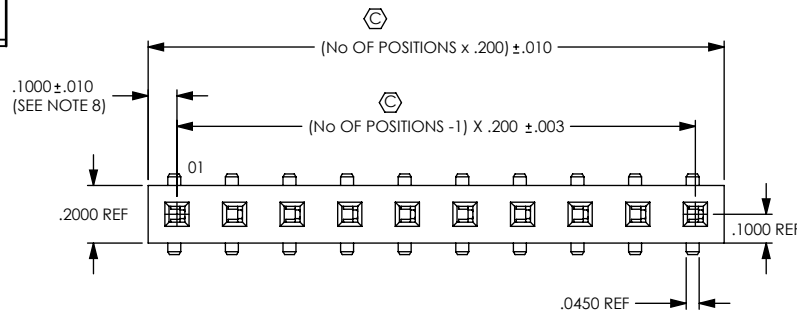


DO NOT  
SCALE FROM  
THIS PRINT



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

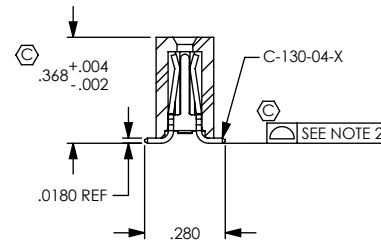
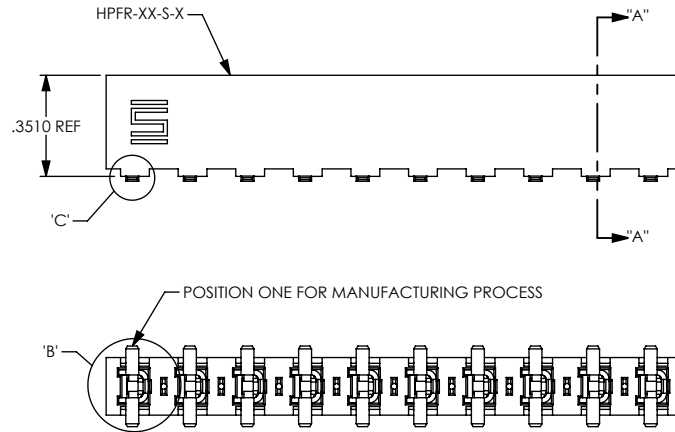
# -02 THRU -06, -08, -10  
(SEE TABLE 2 FOR AVAILABLE COMBINATIONS)  
(SEE SHT 3, IN-PROCESS 1 POLARIZED FILL)

OPTION

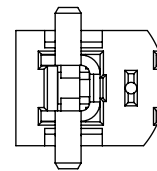
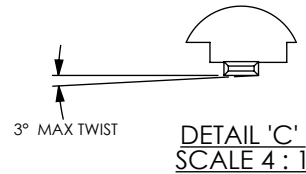
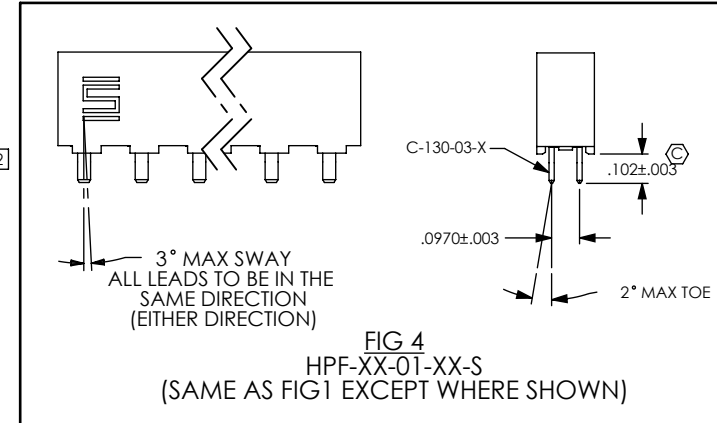
-LC: LOCKING CLIP (USE LC-05-TM) (SEE SHT 2, FIG 2)  
(-02 LEAD STYLE ONLY, SEE NOTE 9)  
\* -A: ALIGNMENT PIN (-02 LEAD STYLE ONLY)  
(SEE SHT 2, FIG 2)  
-K: POLYIMIDE FILM PAD (-02 LEAD STYLE ONLY, AVAILABLE  
ON -01 LEAD STYLE FOR EXISTING CUSTOMERS ONLY)  
(SEE SHT 2, FIG 3)(USE K-DOT-.256-.375-.005)  
-TR: TAPE & REEL (-02 LEAD STYLE ONLY) (14 POS MAX)

# = INTERNAL USE ONLY  
NOT FOR SALE

\* = NOT ENGINEERING  
APPROVED



SECTION "A"- "A"



DETAIL 'B'

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

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.
10. NOTE DELETED.

TABLE 1		
LEAD STYLE	PLATING	
	-T	-H
	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

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**samtec**

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

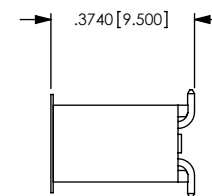
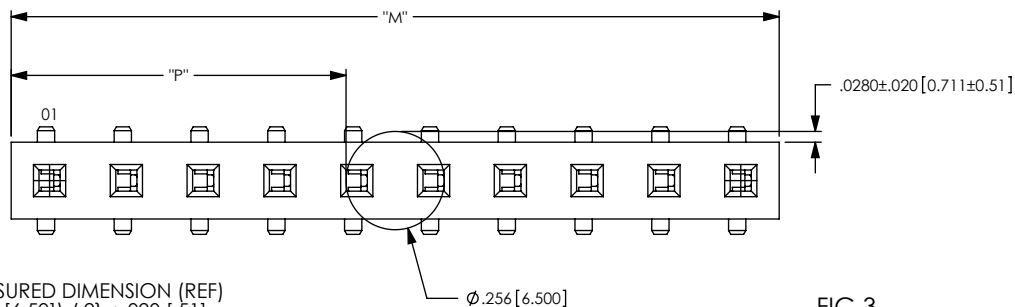
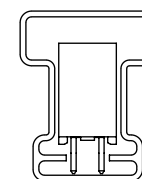
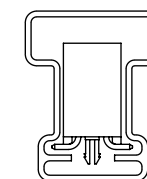
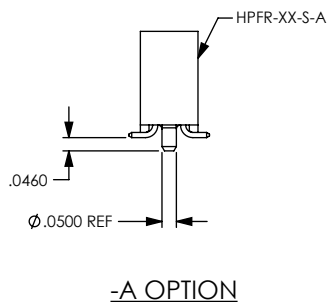
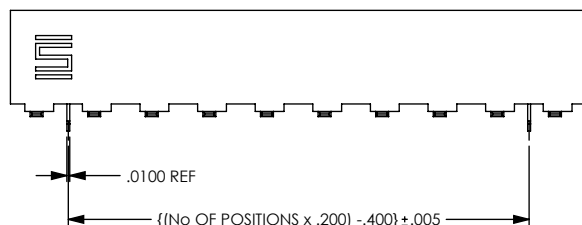
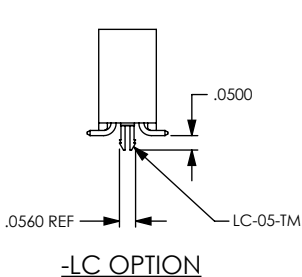


FIG 3  
 -K: POLYIMIDE FILM PAD OPTION  
 (SHOWN: HPF-10-02-X-S-K)



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

**samtec**

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

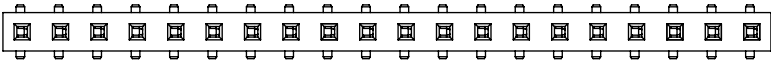
BY: DEAN P 01/04/1999 SHEET 2 OF 3

IN-PROCESS 1  
FILL C-130-XX-X

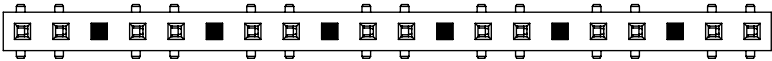
POLARIZED OPTION

■ = DENOTES EMPTY POSITION

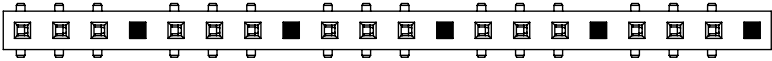
STANDARD FILL



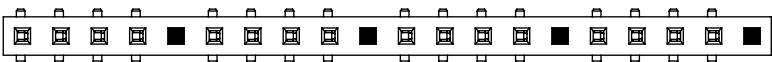
-02 POLARIZATION  
(7 FINISHED GOODS)  
HPF-20-02-XX-S-02 SHOWN



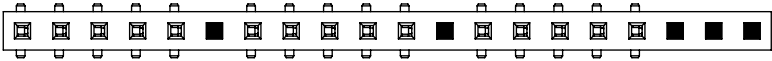
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(5 FINISHED GOODS)  
HPF-20-02-XX-S-03 SHOWN



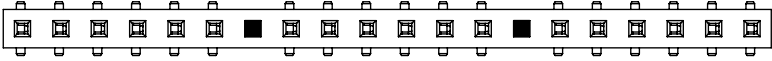
-04 POLARIZATION  
(4 FINISHED GOODS)  
HPF-20-02-XX-S-04 SHOWN



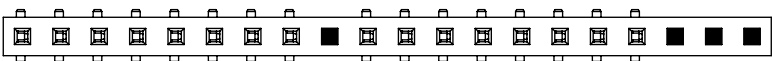
-05 POLARIZATION  
(3 FINISHED GOODS)  
HPF-20-02-XX-S-05 SHOWN



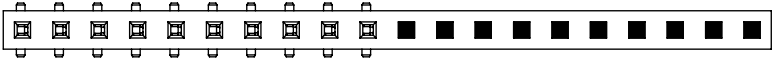
-06 POLARIZATION  
(3 FINISHED GOODS)  
HPF-20-02-XX-S-06 SHOWN



-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



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