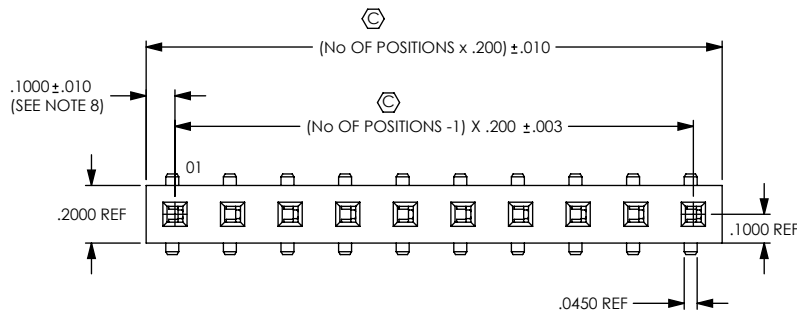


REVISION AF

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)

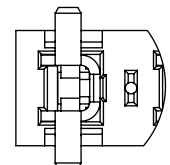
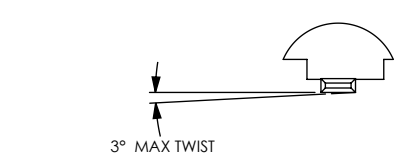
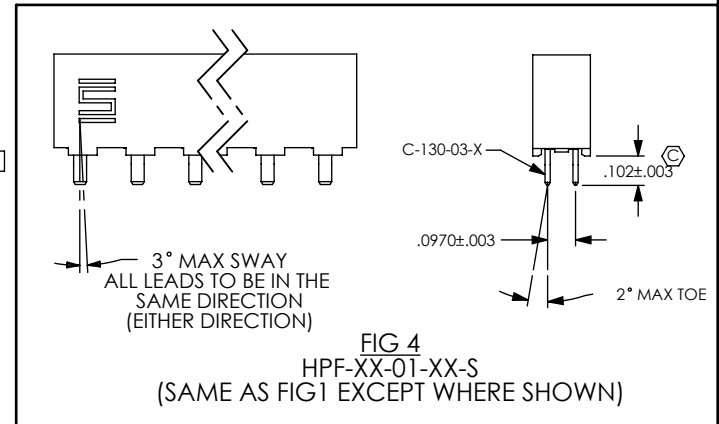
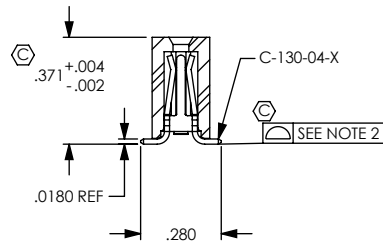
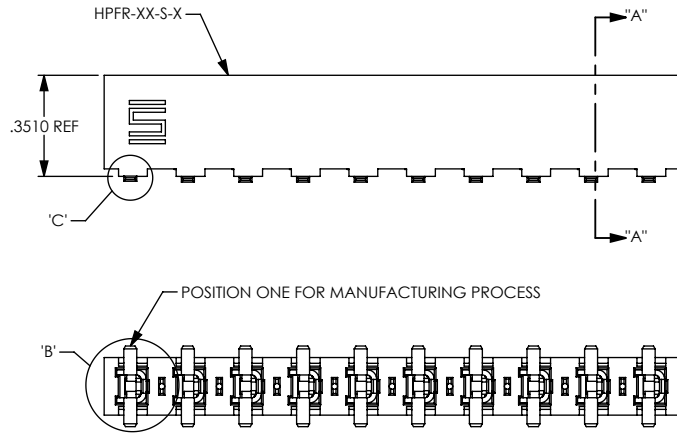
PLATING SPECIFICATION
-T: TIN (USE C-130-XX-T)
-H: HEAVY GOLD (USE C-130-XX-H)
-TM: MATTE TIN (USE C-130-XX-T)

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
-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



DETAIL 'C'
SCALE 4:1

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.

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

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

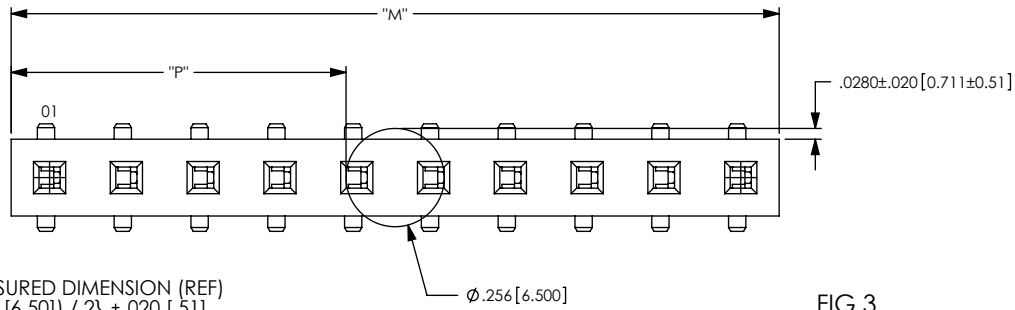
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 2°
.XXX: ±.005
.XXXX: ±.0020

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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: 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)

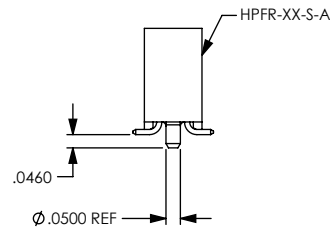
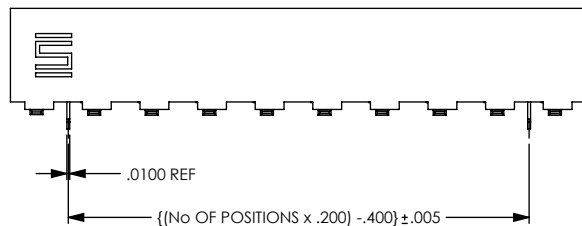
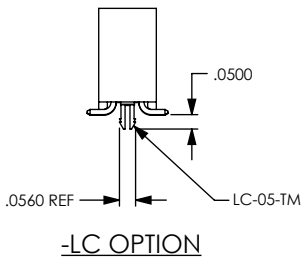
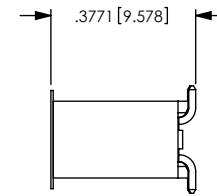
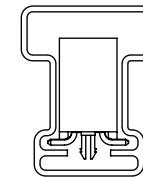
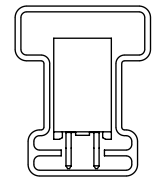


FIG 2

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



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

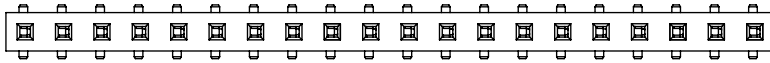
DWG. NO. HPF-XX-XX-XX-S-XX-XX

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

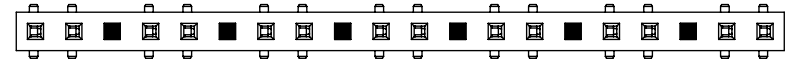
POLARIZED OPTION

■ = DENOTES EMPTY POSITION

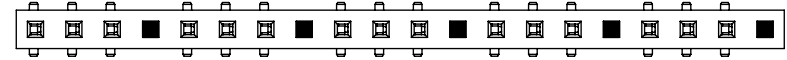
STANDARD FILL



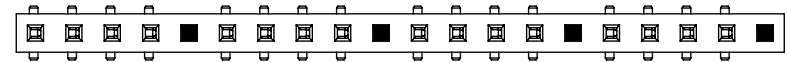
-02 POLARIZATION
(7 FINISHED GOODS)
HPF-20-02-XX-S-02 SHOWN



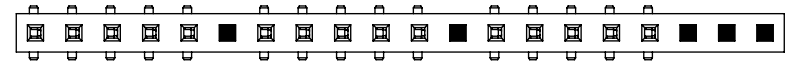
-03 POLARIZATION
(5 FINISHED GOODS)
HPF-20-02-XX-S-03 SHOWN



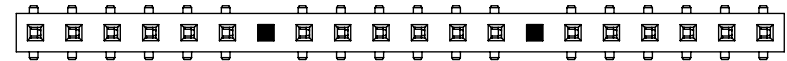
-04 POLARIZATION
(4 FINISHED GOODS)
HPF-20-02-XX-S-04 SHOWN



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



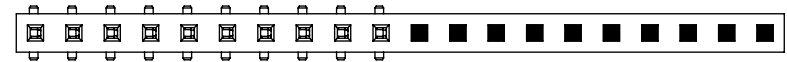
-06 POLARIZATION
(3 FINISHED GOODS)
HPF-20-02-XX-S-06 SHOWN



-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