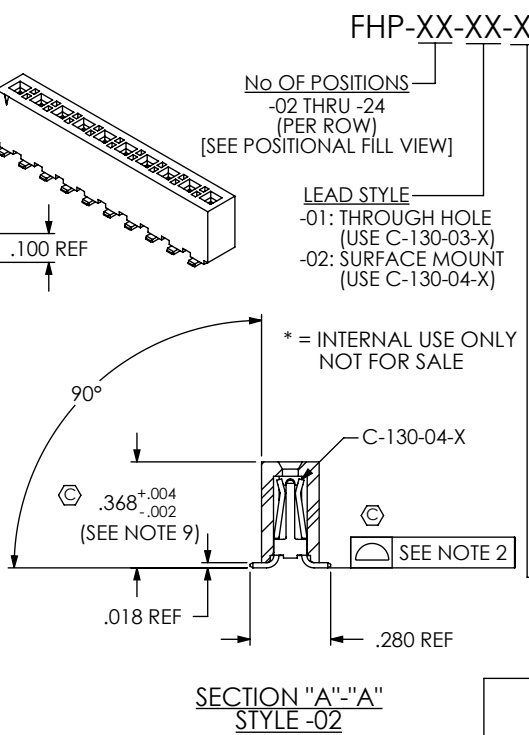
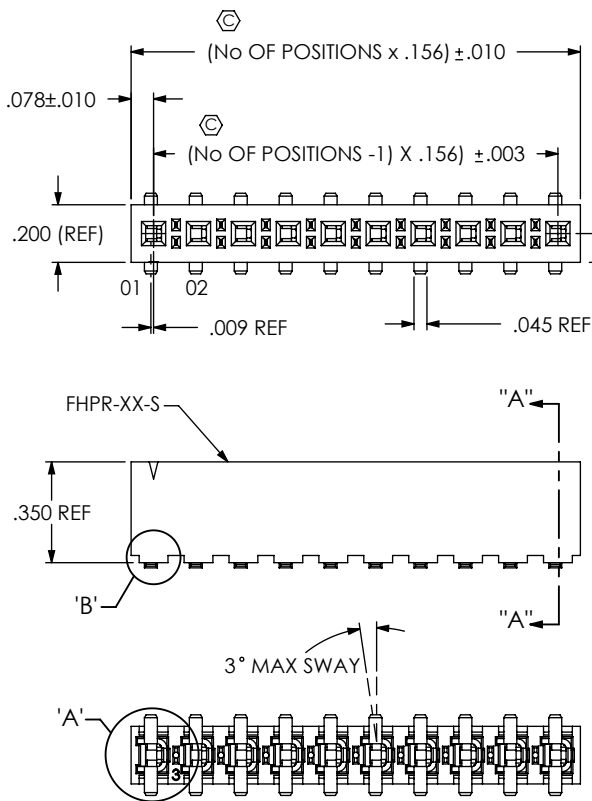
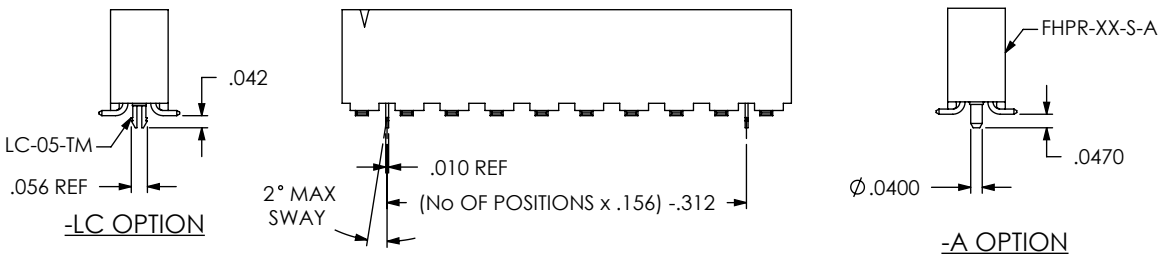
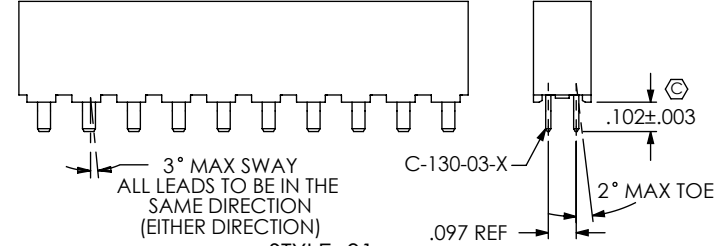


DO NOT SCALE FROM THIS PRINT



- FHP-XX-XX-XX-S-XX-XX-XX**
- *POLARIZATION
 - 02 THRU -06, -08, -10, -12, -13 & -14 (SEE TABLE 1 FOR AVAILABLE COMBINATIONS) (SEE SHT 3, IN-PROCESS 1 POLARIZED FILL) (SEE NOTE 12)
 - OPTION
 - TR: TAPE & REEL PACKAGING (T&R AVAILABLE FOR 2 THRU 18 POS) (SEE NOTES 6 & 10)
 - OPTION
 - LC: LOCKING CLIP (USE LC-05-TM) (-02 LEAD STYLE ONLY, SEE NOTE 11)
 - A: ALIGNMENT PIN (USE FHPR-XX-S-A) (SEE FIG 2) (-02 LEAD STYLE ONLY)
 - K: POLYIMIDE FILM PAD (SEE FIG 3, SHT. 2) (USE K-DOT-.256-.375-.005) (-02 LEAD STYLE ONLY) (AVAILABLE ON POSITIONS 2-24, 2-4 POSITIONS MUST BE IN -TR)
 - ROW SPECIFICATION
 - S: SINGLE (USE FHPR-XX-S)
 - PLATING SPECIFICATION
 - T: MATTE TIN CONTACT AND TAIL (USE C-130-XX-T)
 - TM: MATTE TIN CONTACT AND TAIL (USE C-130-XX-T)
 - H: 30µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL (USE C-130-XX-H)



- NOTES:
1. REPRESENTS A CRITICAL DIMENSION.
 2. COPLANARITY TO BE WITHIN .006".
 3. BURR ALLOWANCE: .0015 MAX.
 4. MAXIMUM CUT FLASH: .020.
 5. MINIMUM PUSHOUT FORCE: 1.0 LB.
 6. LAYER PACKAGE STYLE -01 & -02, POSITIONS 02 - 04 WITH NO OPTIONS ONLY.
 7. OPEN PART OF CONTACT FILLED TOWARDS # 1 PIN INDICATOR
 8. MINIMUM WALL THICKNESS TO BE .010".
 9. MEASURED @ BEND.
 10. TUBE PACKAGING AVAILABLE FOR 5 THRU 24 POSITIONS.
 11. 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.
 12. POLARIZATION NUMBER INDICATES THE AMOUNT OF LIVE CONTACTS IN THE CONNECTOR.

TABLE 1

FINISHED GOODS	SUB ASSEMBLY
FHP-02-02-T-S-XX	FHP-24-02-T-S-02
FHP-02-01-T-S-XX	FHP-24-01-T-S-02
FHP-03-02-T-S-XX	FHP-24-02-T-S-03
FHP-04-01-T-S-XX	FHP-24-01-T-S-04
FHP-04-02-T-S-XX	FHP-24-02-T-S-04
FHP-05-02-T-S-XX	FHP-24-02-T-S-05
FHP-06-01-TM-S-XX / T-S-XX	FHP-24-01-T-S-06
FHP-08-01-T-S-XX	FHP-24-01-T-S-08
FHP-10-02-T-S-XX / TM-S-XX	FHP-24-02-T-S-10
FHP-12-02-T-S-XX	FHP-24-02-T-S-12
FHP-13-01-T-S-XX	FHP-24-01-T-S-13
FHP-14-01-T-S-XX	FHP-24-01-T-S-14
ALL REMAINING CONFIGURATIONS	FHP-24-XX-X-S

FIG 2
-LC & -A OPTIONS
[-LC & -A OPTIONS ONLY AVAILABLE ON -02 LEAD STYLE] (SAME AS FIG 1, UNLESS OTHERWISE STATED)

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

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

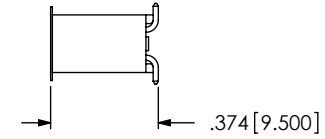
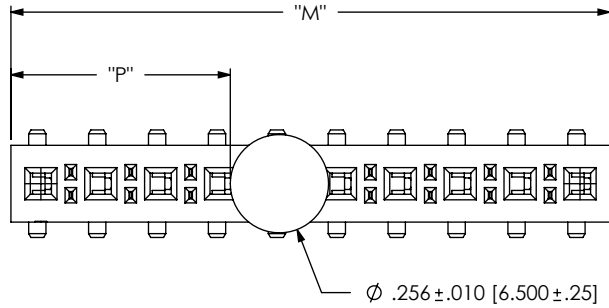
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samtec
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.156 HI POWER SOCKET ASSEMBLY

DWG. NO. **FHP-XX-XX-XX-S-XX-XX-XX**

BY: BRATCHER 03/01/99 SHEET 1 OF 3

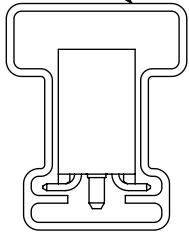


NOTE: "M" = USED MEASURED DIMENSION (REF)
 "P" = $\{("M" - .256 [6.50]) / 2\} \pm .020 [.51]$

FIG 3

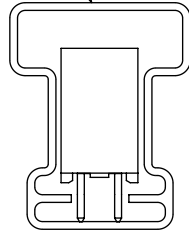
-K: POLYIMIDE FILM PAD OPTION
 (SHOWN: FHP-10-02-X-S-K)

PT-1-24-02-44



STYLE -02
 (WITH ALIGNMENT PIN)

PT-1-24-02-44

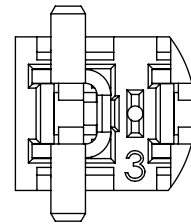


STYLE -01

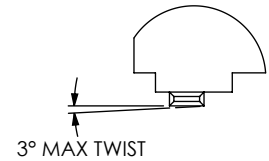
(TUBE PACKAGING AVAILABLE FOR 5 THRU 24 POS)
 (TUBE PACKAGE THE PARTS WITH #1 PIN TOWARDS ARROW)

PACKAGING TABLE

LEAD STYLE	OPTIONS	PACKAGING TUBE	PLUG
-01	ALL OPTIONS	PT-1-24-02-44	TP-03
-02	ALL OPTIONS	PT-1-24-02-44	TP-03



DETAIL 'A'
 SCALE 4:1
 (SHOWN FOR CONTACT ORIENTATION)



DETAIL 'B'
 SCALE 4:1

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

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 e-Mail: info@SAMTEC.com code: 55322

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.666667

DESCRIPTION:
 .156 HI POWER SOCKET ASSEMBLY

DWG. NO.
FHP-XX-XX-XX-S-XX-XX-XX

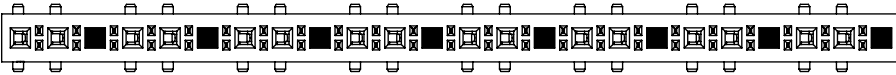
BY: BRATCHER 03/01/99 SHEET 2 OF 3

POLARIZED OPTION

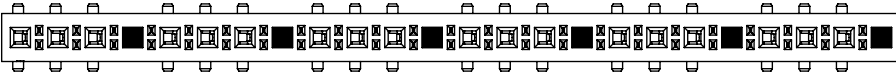
■ = DENOTES EMPTY POSITION

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

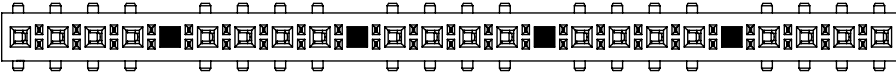
-02 POLARIZATION
(8 FINISHED GOODS)
FHP-24-02-XX-S-02 SHOWN



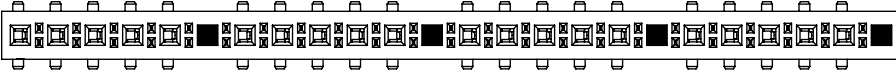
-03 POLARIZATION
(6 FINISHED GOODS)
FHP-24-02-XX-S-03 SHOWN



-04 POLARIZATION
(5 FINISHED GOODS)
FHP-24-02-XX-S-04 SHOWN



-05 POLARIZATION
(4 FINISHED GOODS)
FHP-24-02-XX-S-05 SHOWN



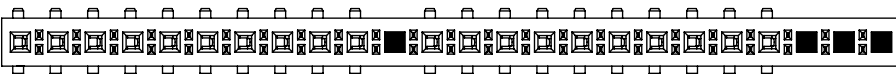
-06 POLARIZATION
(3 FINISHED GOODS)
FHP-24-01-XX-S-06 SHOWN



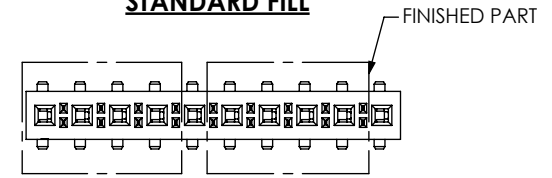
-08 POLARIZATION
(2 FINISHED GOODS)
FHP-24-01-XX-S-08 SHOWN



-10 POLARIZATION
(2 FINISHED GOODS)
FHP-24-02-XX-S-10 SHOWN

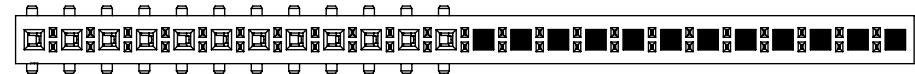


STANDARD FILL



4 POSITION SHOWN
[PRIOR TO CUT-TO-POSITION OPERATION]

-12 POLARIZATION
(1 FINISHED GOODS)
FHP-24-02-XX-S-12 SHOWN



-13 POLARIZATION
(1 FINISHED GOODS)
FHP-24-01-XX-S-13 SHOWN



-14 POLARIZATION
(1 FINISHED GOODS)
FHP-24-01-XX-S-14 SHOWN



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SHEET SCALE: 1.25:1

DESCRIPTION:
.156 HI POWER SOCKET ASSEMBLY

DWG. NO.
FHP-XX-XX-XX-S-XX-XX-XX

BY: BRATCHER 03/01/99 SHEET 3 OF 3