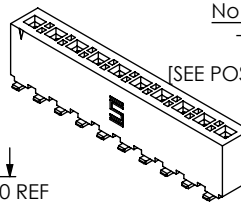
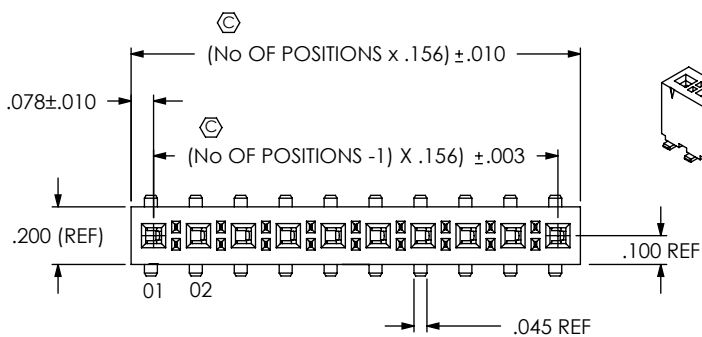


DO NOT SCALE FROM THIS PRINT



FHP-XX-XX-XX-S-XX-XX-XX

No OF POSITIONS  
-02 THRU -24  
(PER ROW)  
[SEE POSITIONAL FILL VIEW]  
LEAD STYLE  
-01: THROUGH HOLE  
(USE C-130-01-X)  
-02: SURFACE MOUNT  
(USE C-130-02-X)

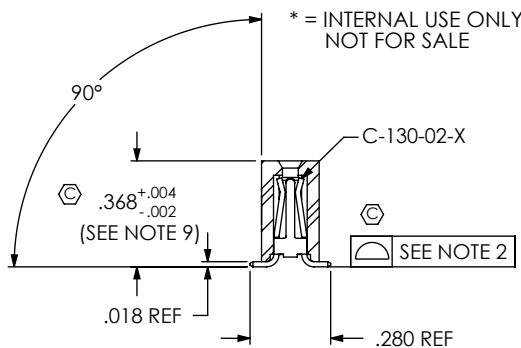
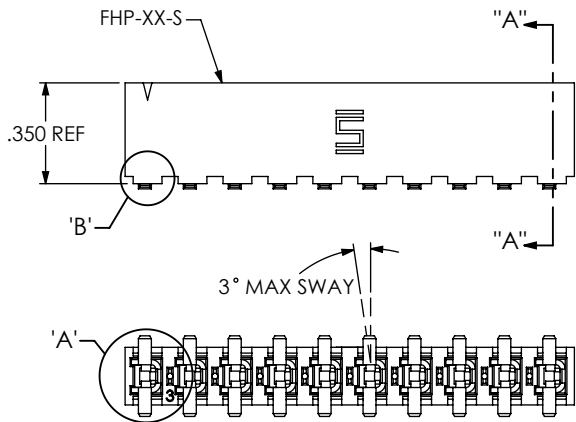
\*POLARIZATION  
-02 THRU -06, -08, -10, -12, -13 & -14  
(SEE TABLE 1 FOR AVAILABLE COMBINATIONS)  
(SEE SHT 3, IN-PROCESS 1 POLARIZED FILL)  
(SEE NOTE 12)

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 FHP-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)

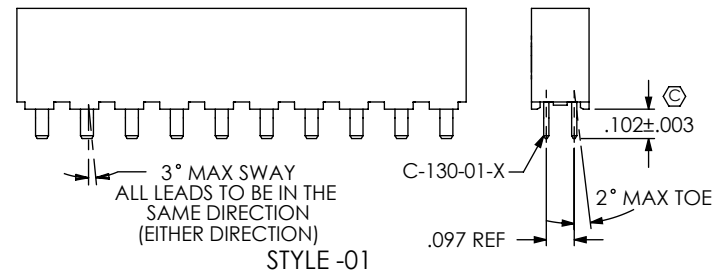
ROW SPECIFICATION  
-S: SINGLE (USE FHP-XX-S)

PLATING SPECIFICATION  
-T: MATTE TIN CONTACT AND TAIL (USE C-130-XX-T)  
-TM: MATTE TIN CONTACT AND TAIL (USE C-130-XX-TM)  
-H: 30µ" GOLD IN CONTACT AREA,  
3µ" GOLD ON TAIL (USE C-130-XX-H)



SECTION "A"-A"  
STYLE -02

FIG 1  
[FHP-10-02-X-S SHOWN]



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.

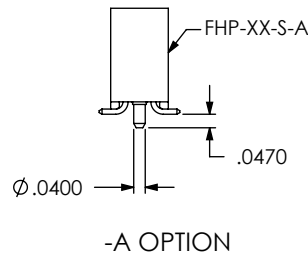
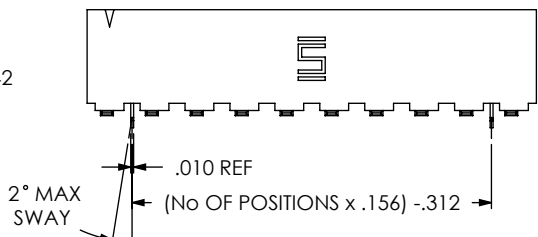
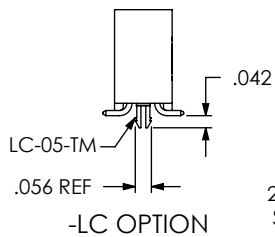


FIG 2

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

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

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

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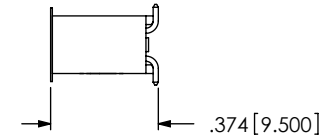
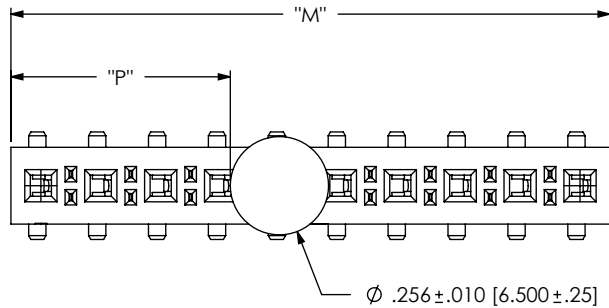
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1  
MATERIAL: VECTRA E130i  
COLOR: BLACK  
CONTACT: BeCu, 174HT

DESCRIPTION:  
.156 HI POWER SOCKET ASSEMBLY

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

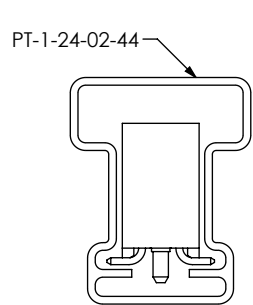
BY: BRATCHER 03/01/99 SHEET 1 OF 3



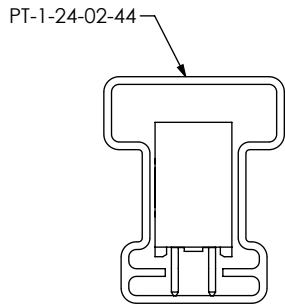
NOTE: "M" = USED MEASURED DIMENSION (REF)  
 "P" =  $\{("M" - .256 [6.50]) / 2\} \pm .020 [.51]$

FIG 3

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



STYLE -02  
 (WITH ALIGNMENT PIN)

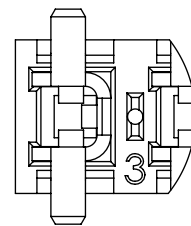


STYLE -01

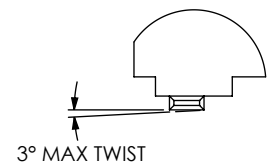
(TUBE PACKAGING AVAILABLE FOR 5 THRU 24 POS)  
 (TUBE PACKAGE THE PARTS WITH #1 PIN TOWARDS ARROW)

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:\dwtg\sw\exisprod\assembly\156\FHP-XX-XX-XX-S-XX-XX-ASM.slddrw

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SHEET SCALE: 1:0.666667



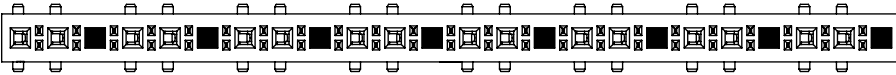
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
 .156 HI POWER SOCKET ASSEMBLY  
 DWG. NO.  
**FHP-XX-XX-XX-S-XX-XX-XX**  
 BY: BRATCHER 03/01/99 SHEET 2 OF 3

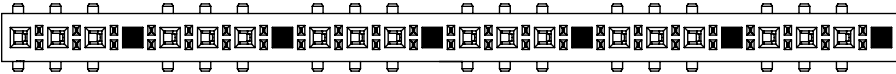
**POLARIZED OPTION**  
 ■ = DENOTES EMPTY POSITION

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

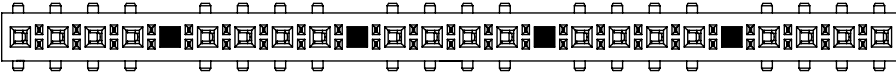
**-02 POLARIZATION**  
 (8 FINISHED GOODS)  
 FHP-24-02-XX-S-02 SHOWN



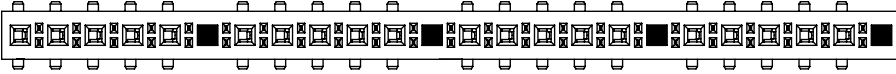
**-03 POLARIZATION**  
 (6 FINISHED GOODS)  
 FHP-24-02-XX-S-03 SHOWN



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



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



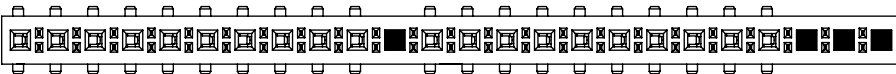
**-06 POLARIZATION**  
 (3 FINISHED GOODS)  
 FHP-24-01-XX-S-06 SHOWN



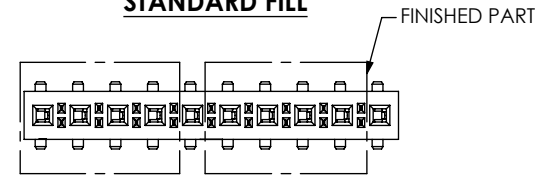
**-08 POLARIZATION**  
 (2 FINISHED GOODS)  
 FHP-24-01-XX-S-08 SHOWN



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

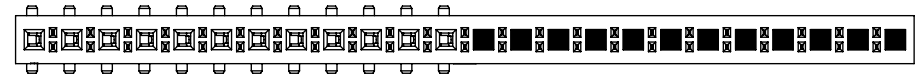


**STANDARD FILL**

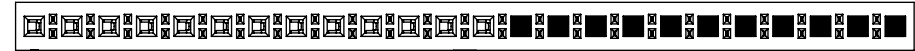


4 POSITION SHOWN  
 [PRIOR TO CUT-TO-POSITION OPERATION]

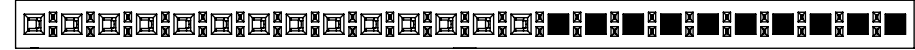
**-12 POLARIZATION**  
 (1 FINISHED GOODS)  
 FHP-24-02-XX-S-12 SHOWN



**-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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DESCRIPTION:  
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 DWG. NO.  
**FHP-XX-XX-XX-S-XX-XX-XX**  
 BY: BRATCHER 03/01/99 SHEET 3 OF 3