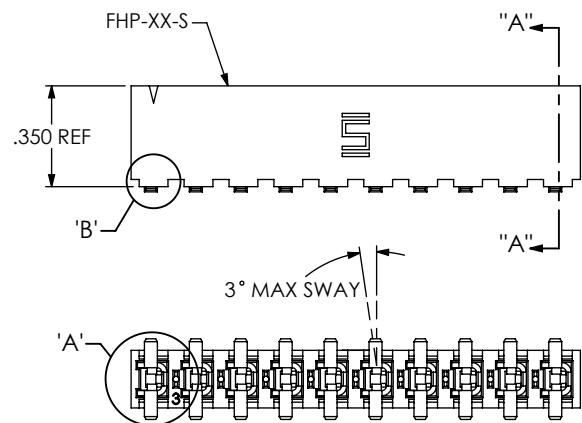
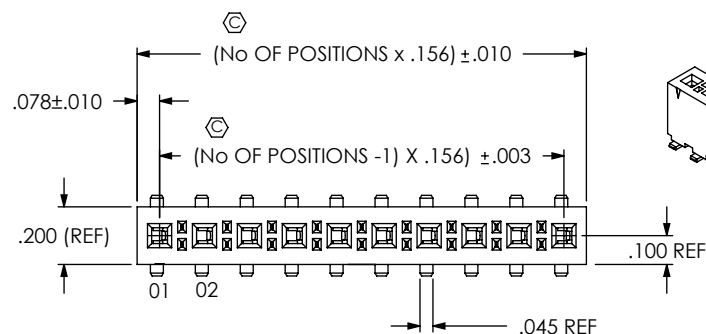
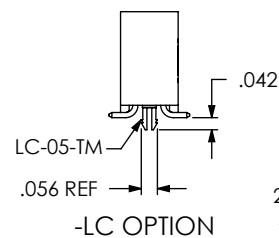
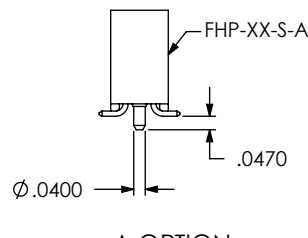
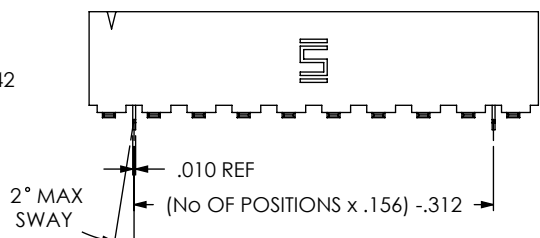


DO NOT  
SCALE FROM  
THIS PRINTFIG 1  
[FHP-10-02-X-S SHOWN]

-LC OPTION



-A OPTION

TABLE 1

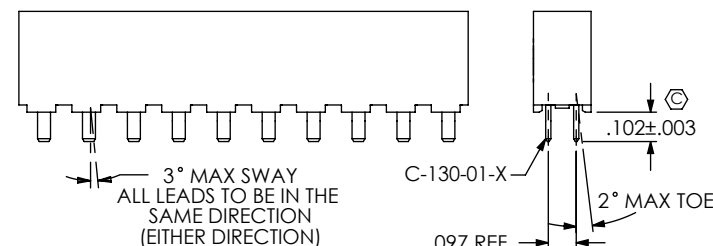
FIG 2

-LC &amp; -A OPTIONS

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

| 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    |

FHP-XX-XX-XX-S-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-T)  
-H: 30μ" GOLD IN CONTACT AREA,  
3μ" GOLD ON TAIL (USE C-130-XX-H)SECTION "A"- "A"  
STYLE -02

NOTES:

STYLE -01

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.

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

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PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF SAMTEC, INC.MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1  
MATERIAL: VECTRA E130i  
COLOR: BLACK  
CONTACT: BeCu, 174HT

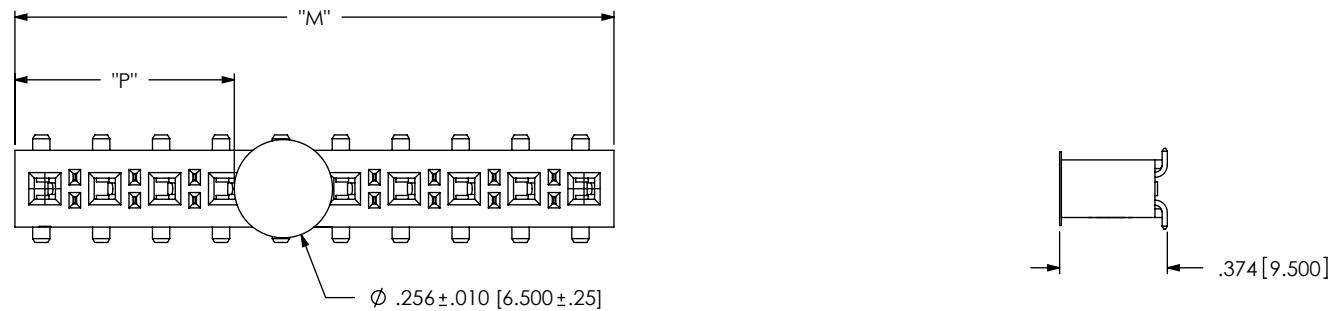
samtec

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

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

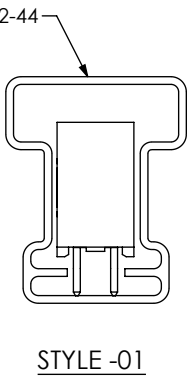
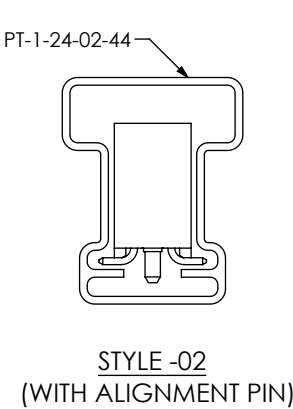
BY: BRATCHER 03/01/99 SHEET 1 OF 3

F:\dwg\sw\exisprod\assembly\156\FHP-XX-XX-XX-S-XX-XX-XX-A5M.slddrw



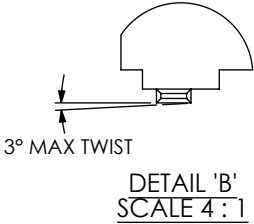
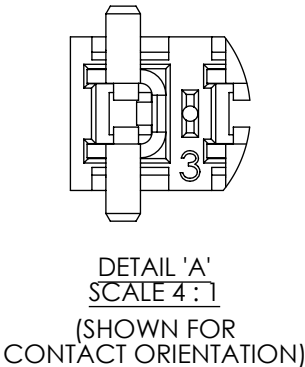
NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" =  $\{["M" - .256 [6.50]] / 2\} \pm .020 [.51]$

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



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

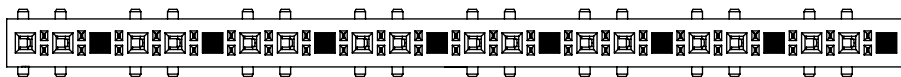
| PACKAGING TABLE |             |                |       |
|-----------------|-------------|----------------|-------|
| LEAD STYLE      | OPTIONS     | PACKAGING TUBE | PLUG  |
| -01             | ALL OPTIONS | PT-1-24-02-44  | TP-03 |
| -02             | ALL OPTIONS | PT-1-24-02-44  | TP-03 |



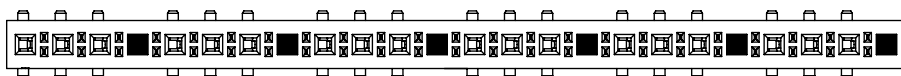
F:\dwg\sw\exisprod\assembly\156\FHP-XX-XX-XX-S-XX-XX-ASM.slddrw

|                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                         |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
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|                                                                                                                                                                                                                                                                                                                                                                                    | DESCRIPTION:<br>.156 HI POWER SOCKET ASSEMBLY                                                                                                                                                                           |          |
|                                                                                                                                                                                                                                                                                                                                                                                    | DWG. NO.<br>FHP-XX-XX-XX-S-XX-XX-XX                                                                                                                                                                                     |          |
|                                                                                                                                                                                                                                                                                                                                                                                    | BY: BRATCHER                                                                                                                                                                                                            | 03/01/99 |

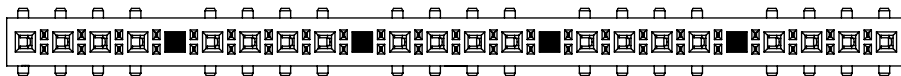
**-02 POLARIZATION**  
 (8 FINISHED GOODS)  
 FHP-24-02-XX-S-02 SHOWN



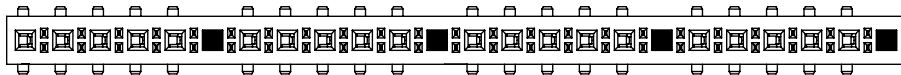
**-03 POLARIZATION**  
 (6 FINISHED GOODS)  
 FHP-24-02-XX-S-03 SHOWN



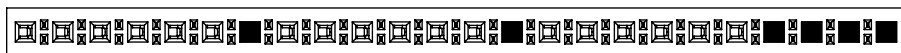
**-04 POLARIZATION**  
 (5 FINISHED GOODS)  
 FHP-24-02-XX-S-04 SHOWN



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



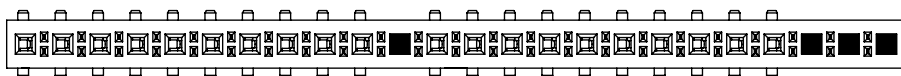
**-06 POLARIZATION**  
 (3 FINISHED GOODS)  
 FHP-24-01-XX-S-06 SHOWN



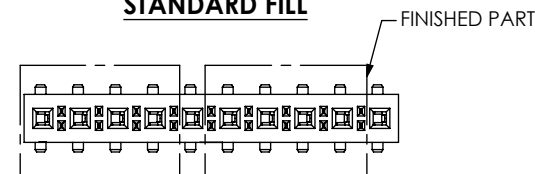
**-08 POLARIZATION**  
 (2 FINISHED GOODS)  
 FHP-24-01-XX-S-08 SHOWN



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

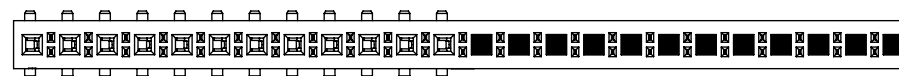


**STANDARD FILL**

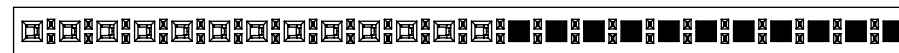


4 POSITION SHOWN  
 [PRIOR TO CUT-TO-POSITION OPERATION]

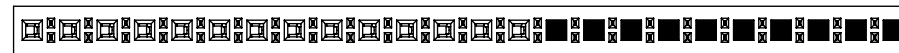
**-12 POLARIZATION**  
 (1 FINISHED GOODS)  
 FHP-24-02-XX-S-12 SHOWN



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

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