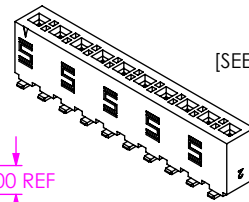
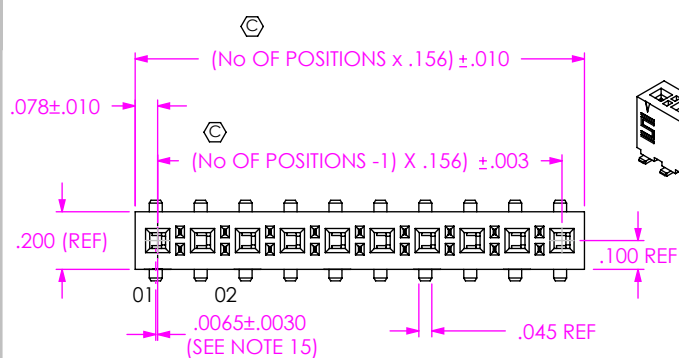


DO NOT
SCALE FROM
THIS PRINT



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

No OF POSITIONS
-02 THRU -24
(PER ROW)
[SEE POSITIONAL FILL VIEW]

LEAD STYLE
-01: THROUGH HOLE
(USE C-130-03-X)
-02: SURFACE MOUNT
(USE C-130-04-X)

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)

PACKAGING
BLANK: TUBES (SEE NOTE 6, 10 & 13)
-TR: TAPE & REEL (SEE NOTES 13 & 14)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 13 & 14)
(-TR & -FR AVAILABLE FOR 2 THRU 18 POS)

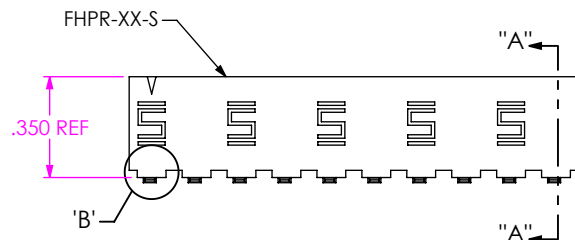
PICK & PLACE OPTION
-K: POLYIMIDE FILM PAD (-02 LEAD STYLE ONLY)
(SEE FIG 3, SHT. 2) (USE K-DOT-.256-.375-.005)
(AVAILABLE ON POSITIONS 2-24,
2-4 POSITIONS MUST BE IN -TR & -FR)

***POLARIZATION**
(SEE SHT 2, IN-PROCESS 1 POLARIZED FILL)
(SEE NOTE 12)

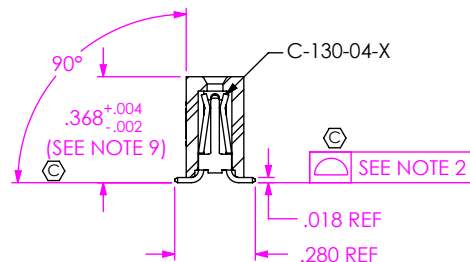
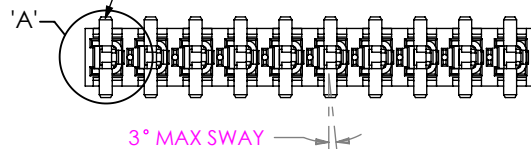
OPTION
-LC: LOCKING CLIP (USE LC-05-TM)
(-02 LEAD STYLE ONLY, SEE NOTE 11)
-A: ALIGNMENT PIN (USE FHP-XX-S-A)
(SEE FIG 2, SHT 2) (-02 LEAD STYLE ONLY)

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

* = INTERNAL USE ONLY
NOT FOR SALE



POSITION ONE FOR
MANUFACTURING PROCESS
(SEE NOTE 7)



SECTION "A"-A"
STYLE -02

3° MAX TWIST

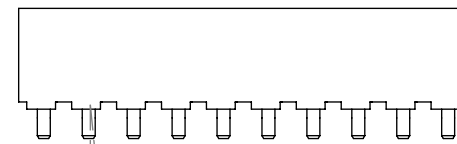
DETAIL 'B'
SCALE 4:1

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

NOTES:

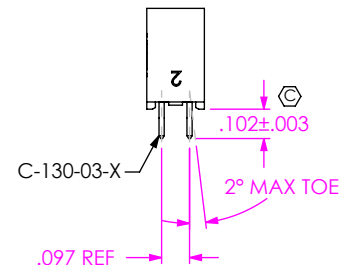
1. REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .006".
3. BURR ALLOWANCE: .0015 MAX.
4. MAXIMUM CUT FLASH: .020.
5. MINIMUM PUSHOUT FORCE: 1.0 LB.
6. LAYER PACKAGE STYLE -01 & -02, POSITIONS 02 - 04 WITH NO OPTIONS ONLY.
7. OPEN PART OF CONTACT FILLED TOWARDS #1 PIN INDICATOR. POSITION ONE WILL BE THE LEFT MOST PIN WHEN VIEWING LOGO SIDE OF THE ASSEMBLY FOR CUT PARTS WITH NO PIN ONE 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.
13. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
14. ATTACH LABEL-4X2 TO EACH REEL.
15. IN THE TOP VIEW, THE PROPER LOCATION OF THE OFFSET SOLDER TAIL WILL BE WITH THE SOLDER TAIL OFFSET TO THE LEFT OF THE MATING OR PLUGGING HOLE. THE OFFSET IS DESCRIBED BY THE .0065 +/- .0030.

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



3° MAX SWAY
ALL LEADS TO BE IN THE
SAME DIRECTION
(EITHER DIRECTION)

STYLE -01



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$
.XXX: $\pm .005$
.XXXX: $\pm .0020$

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1
MATERIAL:
PRIMARY: VECTRA E130I BLACK,
ALTERNATE: SUMIKA E6007LHF BLACK
CONTACT: BeCu, 174HT

F:\DWG\SW\Exisprod\Assembly\156\FHP-XX-XX-XX-S-XX-XX-X-XX-A5M.slddrw

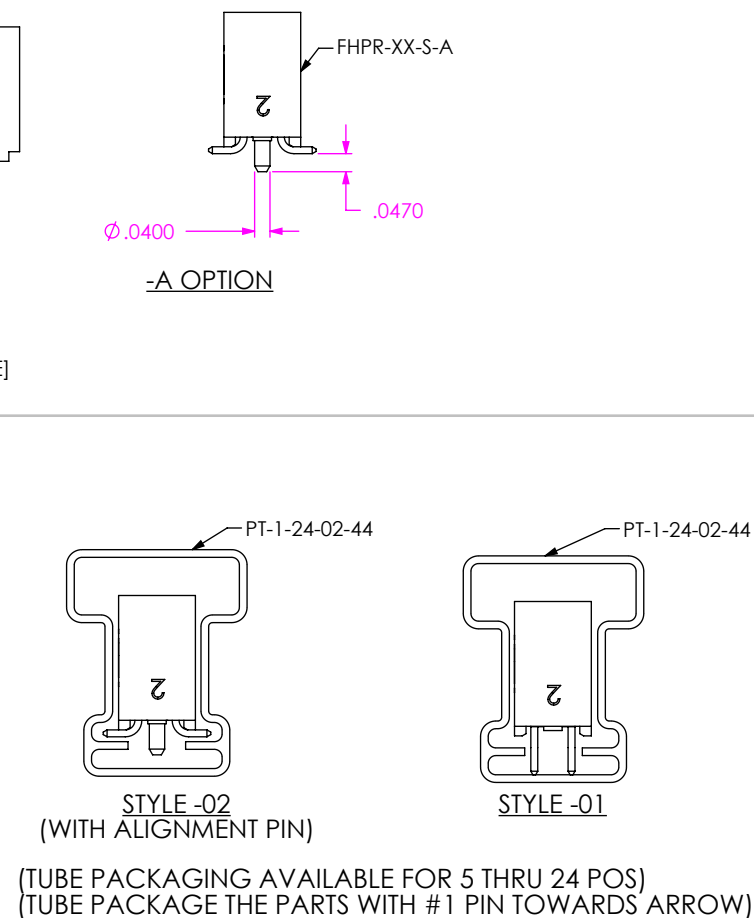
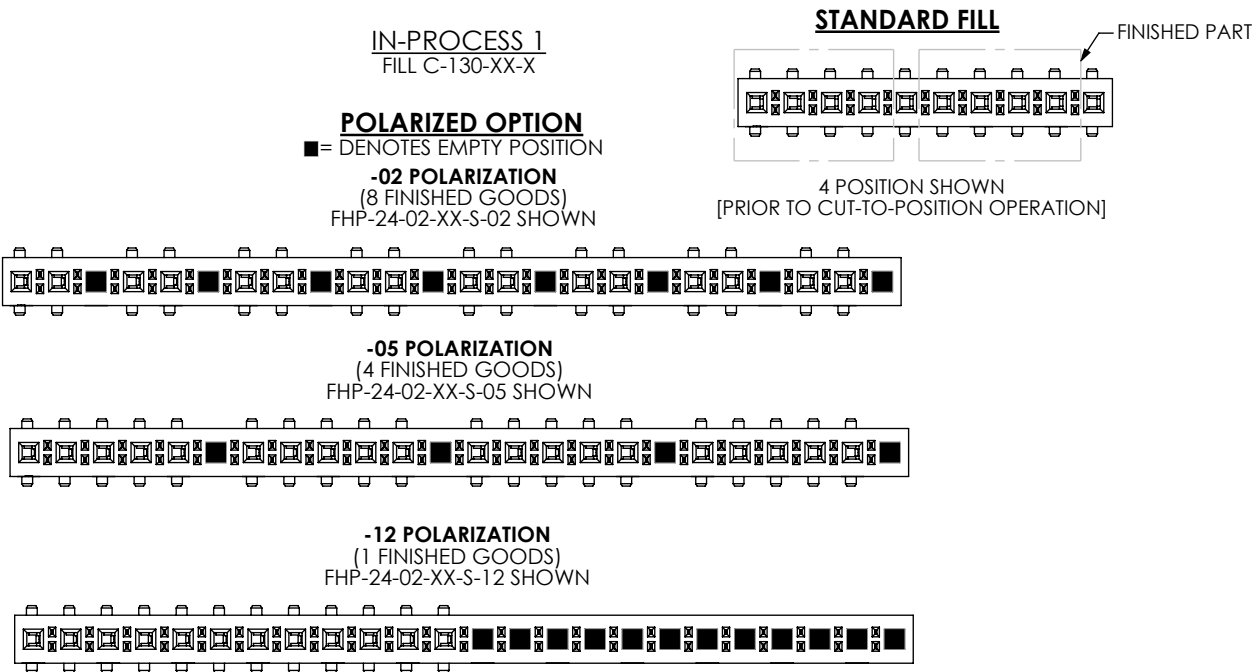
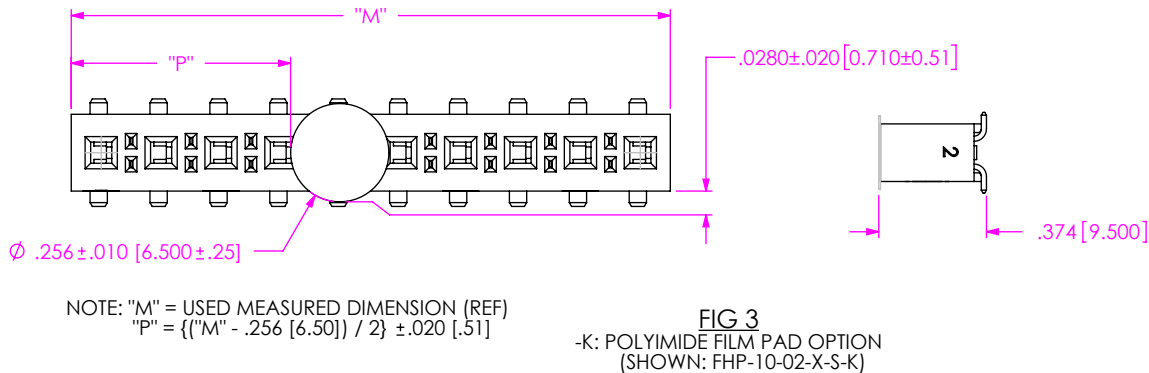
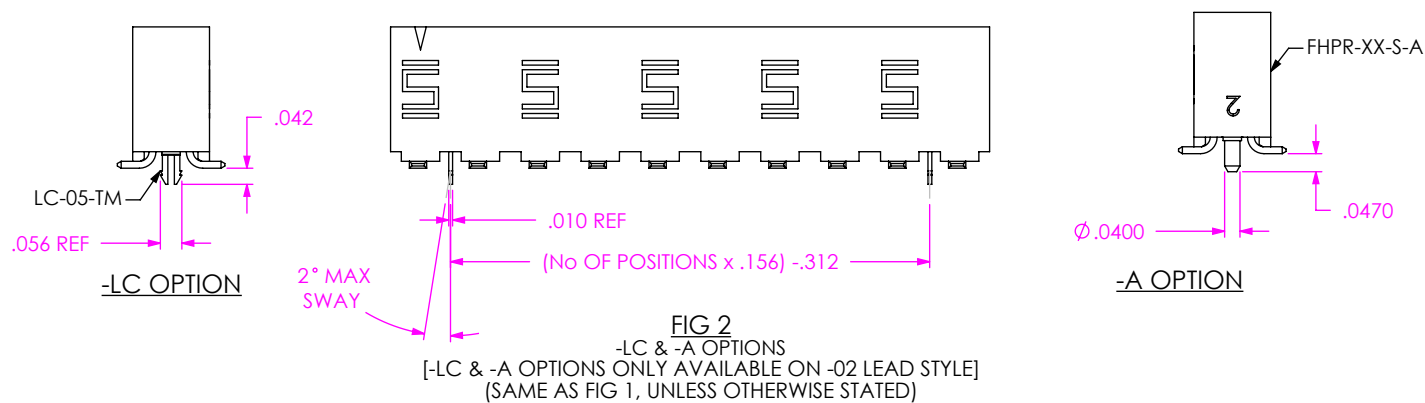
samtec

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

DESCRIPTION:
.156 HI POWER SOCKET ASSEMBLY

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

BY: BRATCHER 03/01/99 SHEET 1 OF 2



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

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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: 55322

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.66667

DESCRIPTION:
.156 HI POWER SOCKET ASSEMBLY

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

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