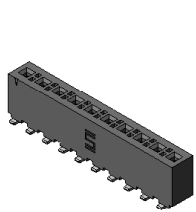
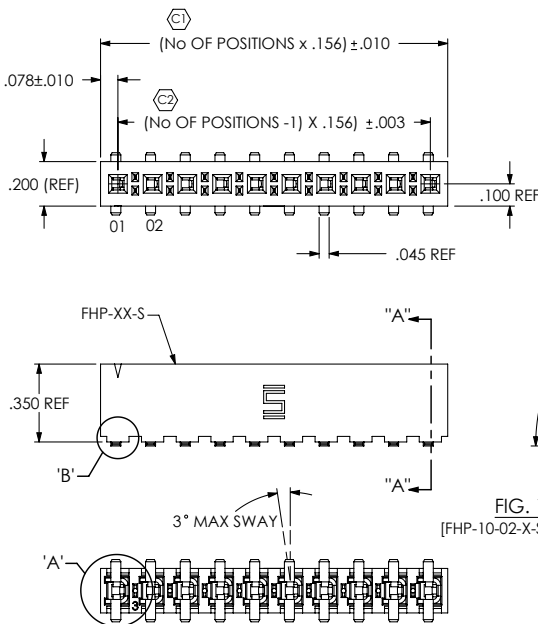


**REVISION AA**

DO NOT SCALE FROM THIS PRINT



**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)

OPTION  
-TR: TAPE & REEL PACKAGING  
(T&R AVAILABLE FOR 2 THRU 18 POS)  
(SEE NOTES 6 & 10)

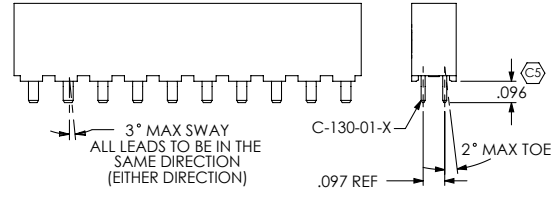
OPTION  
-LC: LOCKING CLIP (USE LC-05-TM)  
(-02 LEAD STYLE ONLY, SEE NOTE 11)  
-A: ALIGNMENT PIN (USE FHP-XX-S-A)  
(SEE FIG. 2) (-02 LEAD STYLE ONLY)  
-K: POLYIMIDE FILM PAD  
(SEE FIG. 3, SHT. 2) (USE K-500-300)  
(-02 LEAD STYLE ONLY)  
(AVAILABLE ON POSITIONS 2-24,  
2-4 POSITIONS MUST BE IN -TR)

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

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

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

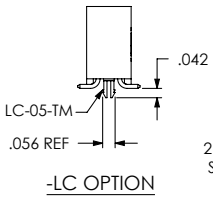
SECTION "A"-"A"  
STYLE -02



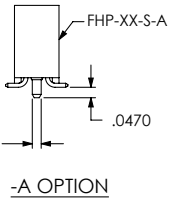
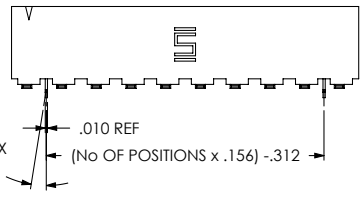
STYLE -01

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



-LC OPTION

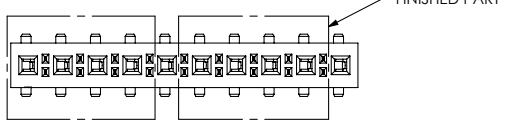


-A OPTION

FIG. 2

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

POSITIONAL FILL VIEW



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

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

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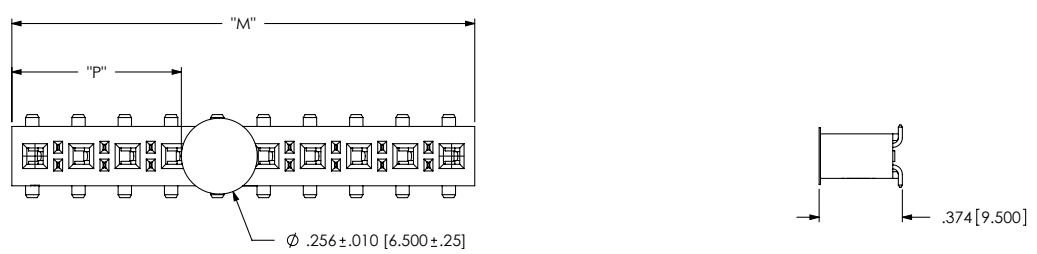


MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:5:1  
MATERIAL: VECTRA E130i  
COLOR: BLACK  
CONTACT: BeCu, 174HT

DESCRIPTION: .156 HI POWER SOCKET ASSEMBLY  
DWG. NO. FHP-XX-XX-XX-S-XX-XX  
BY: BRATCHER 03/01/99 SHEET 1 OF 2

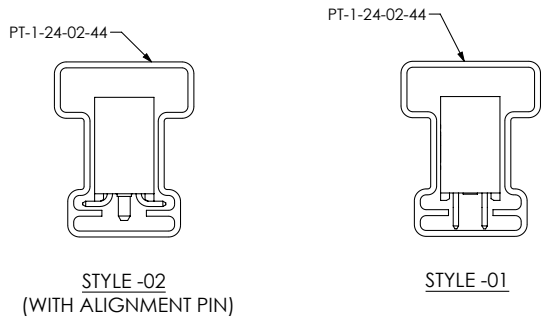
c:\enterprise\vaull\DWG\MISC\MKTG\FHP-XX-XX-XX-S-XX-XX-MKT.SLDRW

REVISION AA



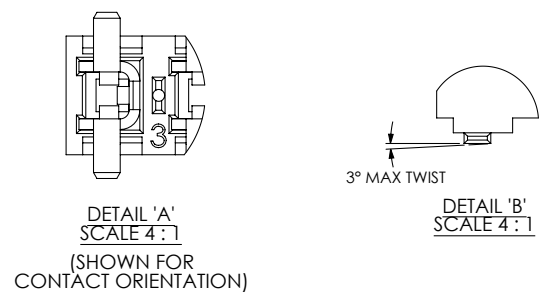
NOTE: "M" = USED MEASURED DIMENSION (REF)  
 "P" =  $\{("M" - .256 [6.50]) / 2\} \pm .020 [.51]$

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



c:\enterprise\dwg\MISC\MKTG\FHP-XX-XX-XX-S-XX-XX-MKT.SLDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 1:0.666667

**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

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