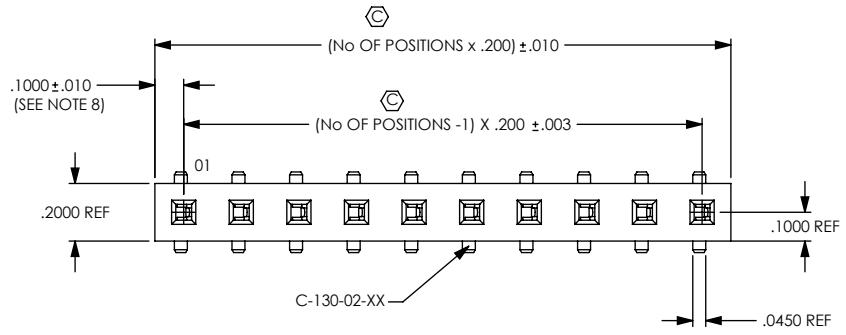


DO NOT SCALE FROM THIS PRINT



**HPF-XX-XX-XX-S-XX**

No OF POSITIONS  
-02 THRU -20 (PER ROW)  
[SEE POSITIONAL FILL VIEW]

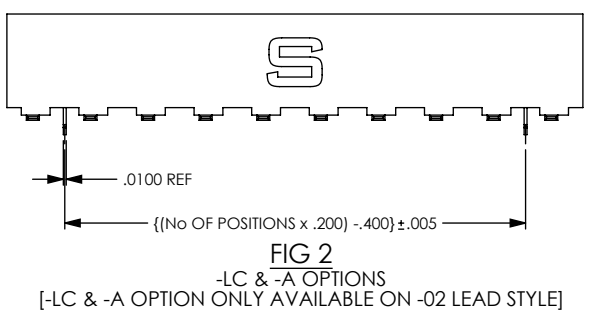
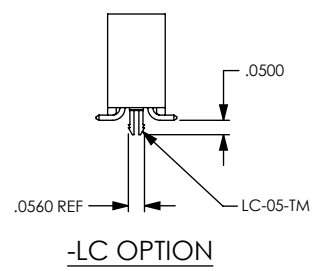
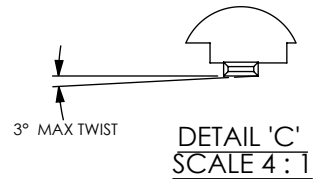
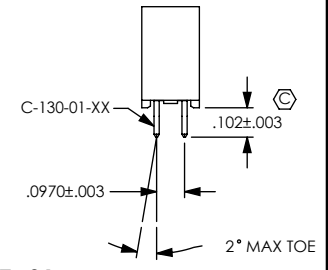
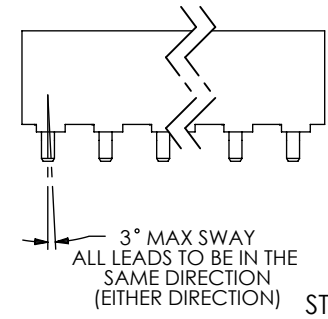
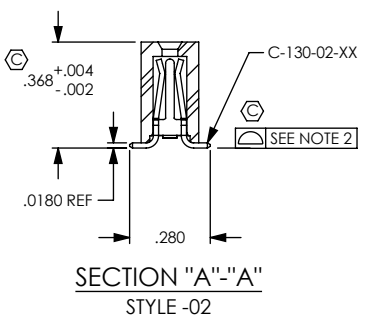
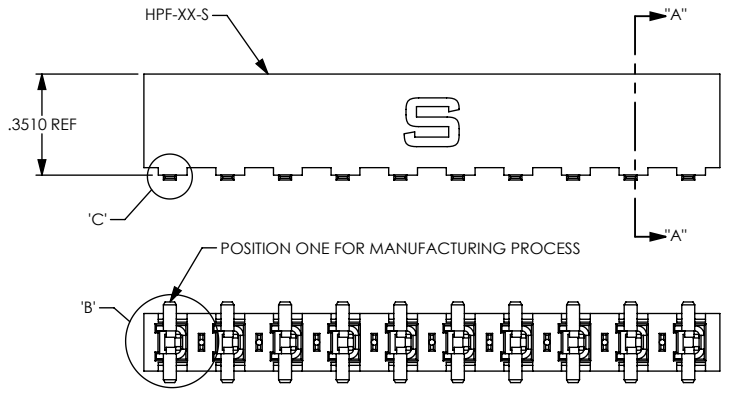
LEAD STYLE  
-01: THROUGH HOLE  
-02: SURFACE MOUNT

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

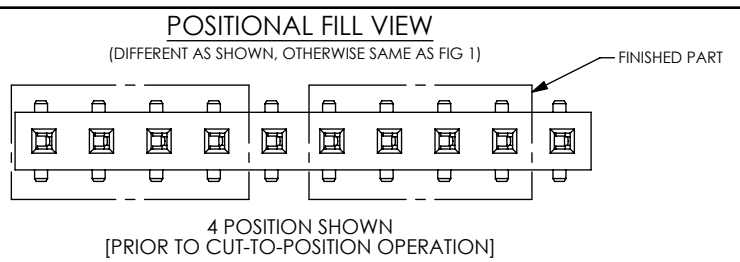
OPTION (STYLE -02 ONLY)  
-LC: LOCKING CLIP (USE LC-05-TM) (SEE NOTE 9)  
\* -A: ALIGNMENT PIN (USE HPF-XX-S-A)  
-K: POLYIMIDE FILM PAD (SEE FIG. 3, SHT. 2) (USE K-DOT-.256-.375-.005)  
-TR: TAPE & REEL (14 POS MAX)

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

\* = NOT ENGINEERING APPROVED



- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
  - COPLANARITY TO BE WITHIN :  
2-10 POS: .006  
11-20 POS: .008
  - BURR ALLOWANCE: .0015 MAX.
  - MAXIMUM CUT FLASH: .020.
  - MINIMUM PUSHOUT FORCE: 1.0 LB.
  - ALL PARTS TO BE TUBE PACKAGED.
  - OPEN PART OF CONTACT FILLED TOWARDS #1 PIN INDICATOR.
  - MINIMUM WALL THICKNESS TO BE .010.
  - 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.



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

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

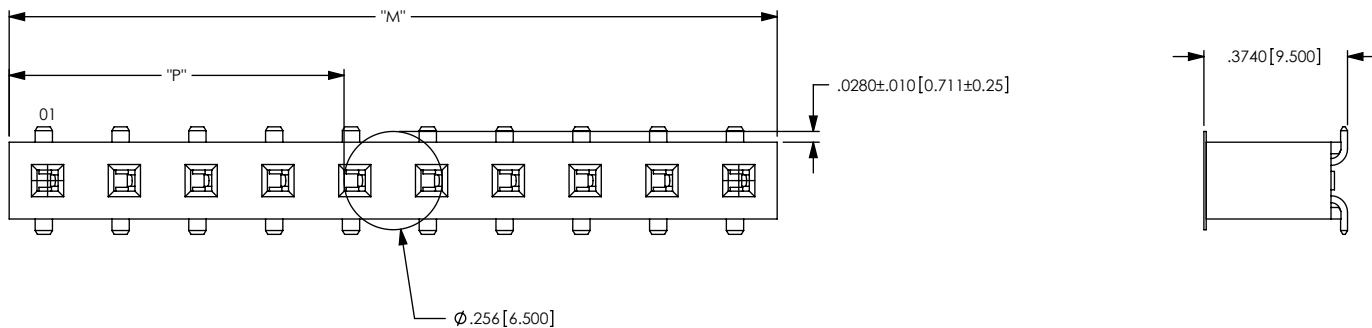
**samtec**

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

DESCRIPTION: .200 HI POWER SOCKET ASSEMBLY

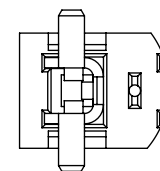
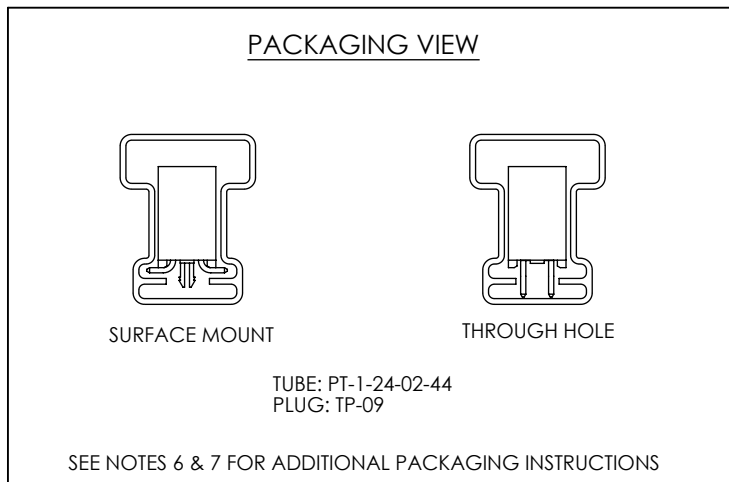
DWG. NO. **HPF-XX-XX-XX-S-XX**

BY: DEAN P 01/04/1999 SHEET 1 OF 2




NOTE: "M" = USED MEASURED DIMENSION (REF)  
 "P" =  $\{("M" - .256 [6.500]) / 2\} \pm .020 [.51]$

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



DETAIL 'B'

<p><b>PROPRIETARY NOTE</b>                  THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p> <p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 2:1</p>	
	<p>520 PARK EAST BLVD., NEW ALBANY, IN 47150                  PHONE: 812-944-6733    FAX: 812-948-5047                  e-Mail: info@SAMTEC.com    code: 55322</p>
	<p>DESCRIPTION:                      .200 HI POWER SOCKET ASSEMBLY</p> <p>DWG. NO.                              HPF-XX-XX-XX-S-XX</p>
	<p>BY: DEAN P                      01/04/1999                      SHEET 2 OF 2</p>