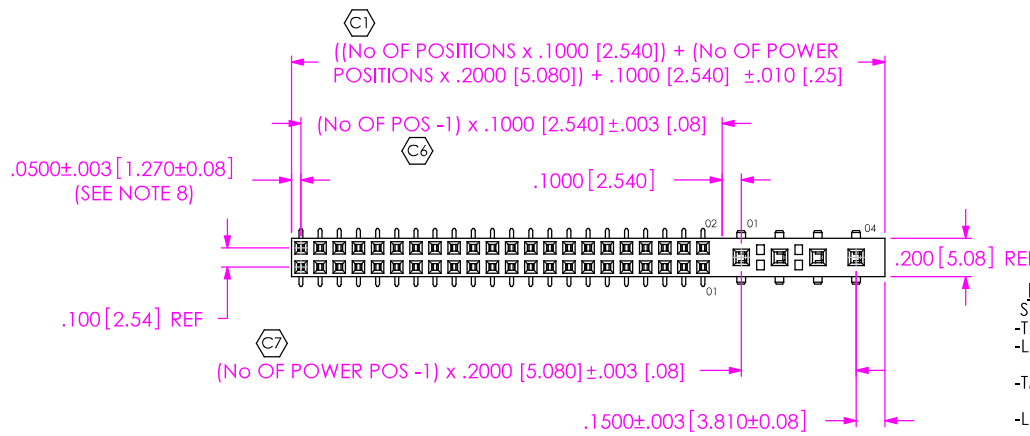


NOT RELEASED FOR PRODUCTION

USE FOR QUOTING, PRELIMINARY DESIGN, PROTOTYPING AND INFORMATIONAL PURPOSES ONLY

HPFC-1XX-XX-XX-D-XX-XX



No OF POSITIONS

-02 THRU -24 (PER ROW)

LEAD STYLE

-01: THROUGH HOLE (C-95-01-X & C-130-01-XX)  
 -02: SURFACE MOUNT (C-95-02-X & C-130-02-XX)

PLATING SPECIFICATION

SIGNAL ONLY  
 -T: TIN (USE C-95-XX-T & C-130-XX-T)  
 -L: LIGHT SELECTIVE (USE C-95-XX-L & C-130-XX-T)  
 -TM: MATTE TIN (USE C-95-XX-T & C-130-XX-T)  
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE C-95-XX-L & C-130-XX-T)

OPTION

-LC: LOCKING CLIP  
 \* -A: ALIGNMENT PIN (USE HPFC-XX-D-XX-A)  
 -K: KAPTON PAD (SHEET 2) (USE K-500-300)

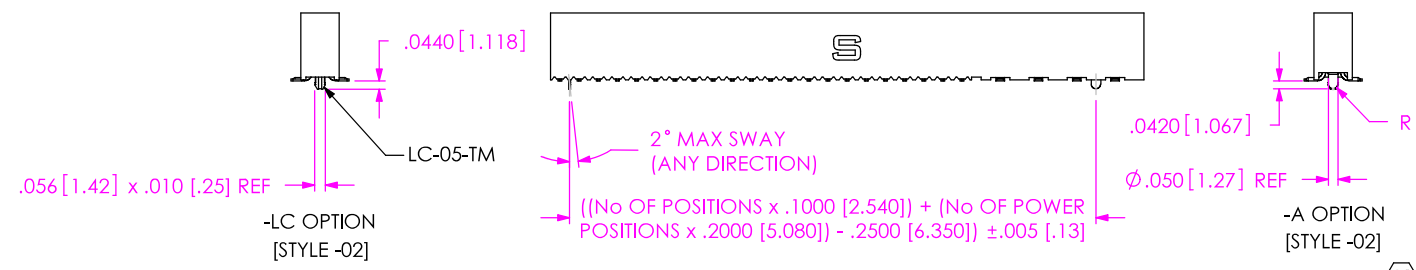
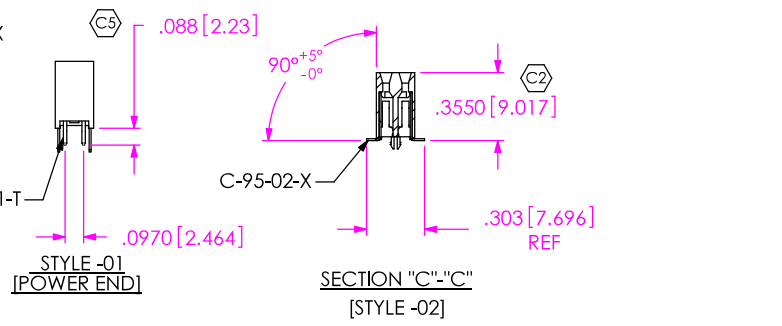
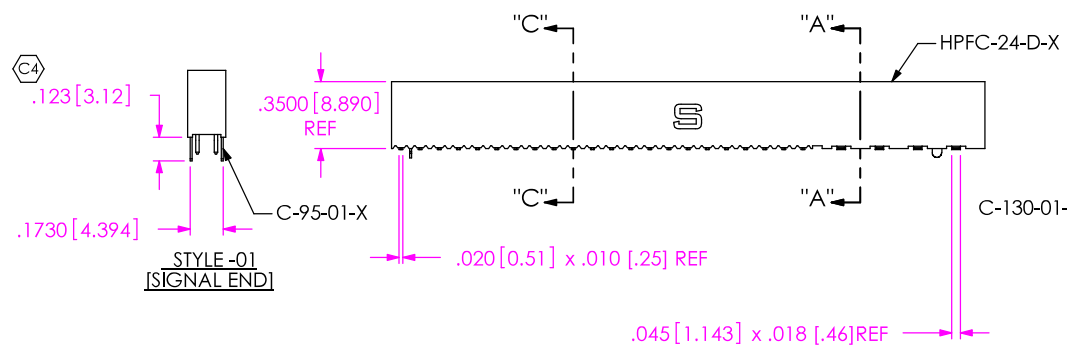
POWER POSITIONS

-02 THRU -04 (USE C-130-XX-XX)

ROW SPECIFICATION

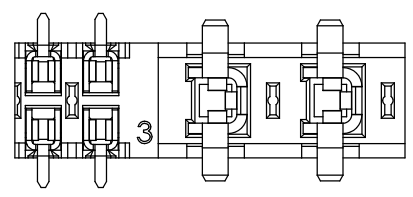
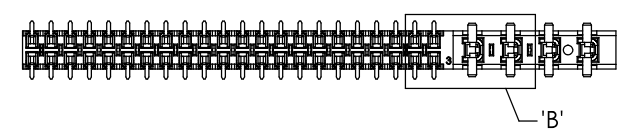
-D: DOUBLE (USE HPFC-24-D-X)

\* = NOT ENGINEERING APPROVED



NOTES:

1.  $\text{C}$  REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .006" [.15] FOR 20 POSITION AND BELOW (SIGNAL) AND .008" [.20] FOR 21 -32 POS. (SIGNAL).
3. BURR ALLOWANCE: .003 [.08] MAX.
4. MAXIMUM CUT FLASH: .020 [.51].
5. MINIMUM PUSHOUT FORCE: 1 LB. MIN ON SIGNAL POSITIONS, 2 LB. MIN ON POWER POSITIONS.
6. MAXIMUM ALLOWABLE BOW: .005 INCH/INCH [MM/MM] AFTER ASSEMBLY.
7. OPEN PART OF POWER CONTACT FILLED TOWARDS SIGNAL CONTACTS.
8. MINIMUM WALL THICKNESS TO BE .010 [.25].



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX:  $\pm .01 [.3]$   $2^{\circ}$   
 .XXX:  $\pm .005 [.13]$   
 .XXXX:  $\pm .0020 [.051]$

PROPRIETARY NOTE  
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MATERIAL: DO NOT SCALE DRAWING  
 INSULATOR: VECTRA E130i COLOR: BLACK  
 POWER CONTACT: BeCu 174HT  
 SIGNAL CONTACT: PHOS BRONZE CDA510

SHEET SCALE: 1:1

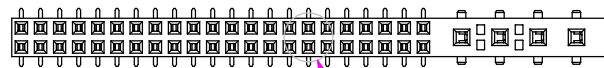
**SAMTEC**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 \* PHONE: 812.944.6733 FAX: 812.948.5047  
 e-Mail: [INFO@SAMTEC.COM](mailto:INFO@SAMTEC.COM) CODE: 55322

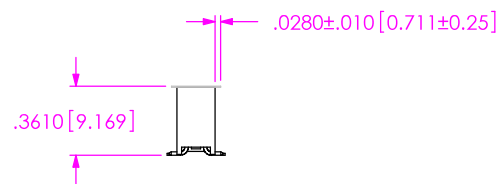
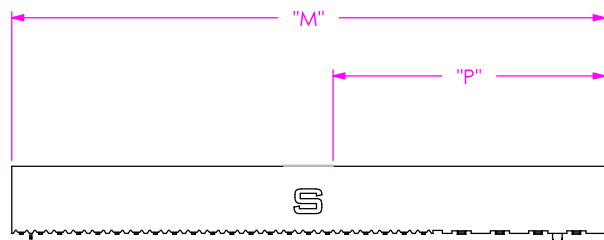
DESCRIPTION:  
 .200 [5.08] POWER COMBO SOCKET ASSEMBLY

DWG. NO.  
 HPFC-1XX-XX-XX-D-XX-XX

BY: DEAN P 01/06/1999 SHEET 1 OF 2



$\phi .256 [6.50]$

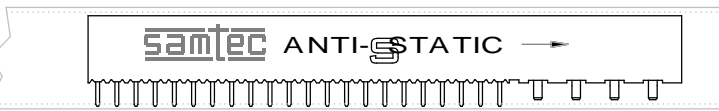
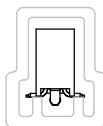


-K OPTION  
(SHOWN: HPFC-122-02-X-D-4-K)

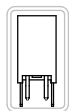
NOTE: "M" = TOTAL PART LENGTH (REF)  
"P" =  $\{("M" - .256 [6.50]) / 2\} \pm .020 [.51]$



TUBE: PT-1-24-01-69  
PLUG: TP-09



TUBE: PT-1-24-08-15  
PLUG: TP-03



PACKAGING VIEW **R**

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DO NOT SCALE DRAWING

SHEET SCALE: 1:1

**SAMTEC**

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\* PHONE: 812.944.6733 FAX: 812.948.5047  
e-Mail: [INFO@SAMTEC.COM](mailto:INFO@SAMTEC.COM) CODE: 55322

DESCRIPTION:  
.200 [5.08] POWER COMBO SOCKET ASSEMBLY

DWG. NO.  
HPFC-1XX-XX-XX-D-XX-XX

BY: DEAN P 01/06/1999 SHEET 2 OF 2