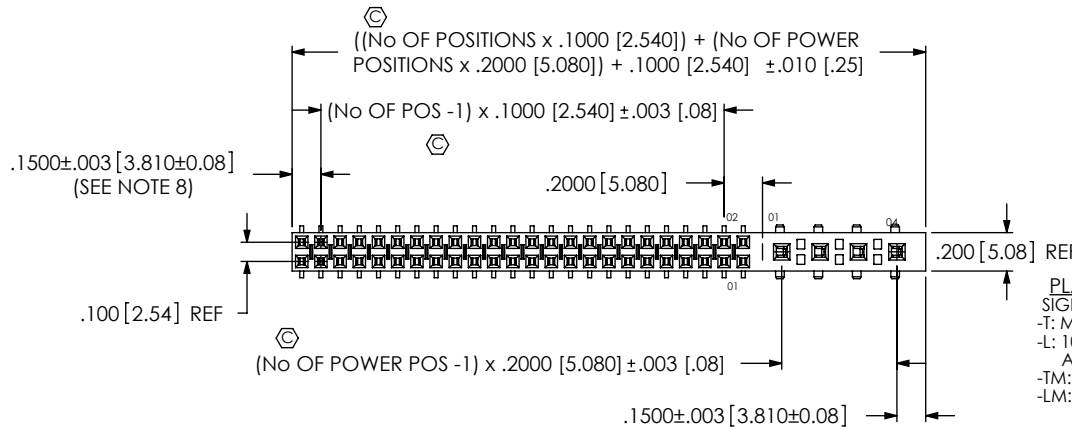


DO NOT SCALE FROM THIS PRINT

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-130-03-X)  
-02: SURFACE MOUNT  
(C-95-02-X & C-130-04-X)

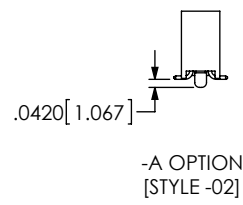
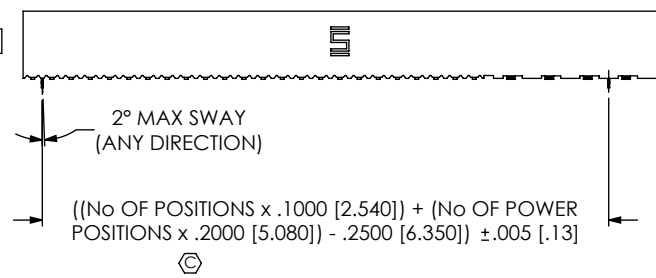
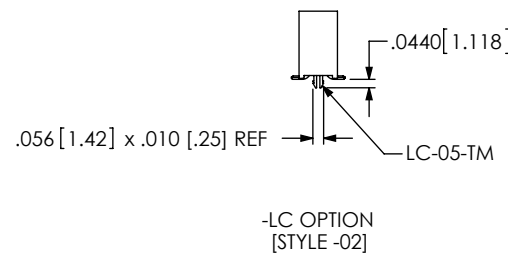
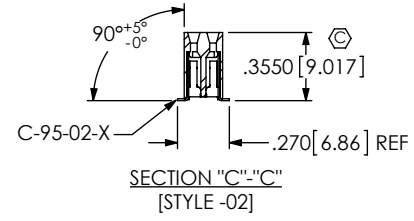
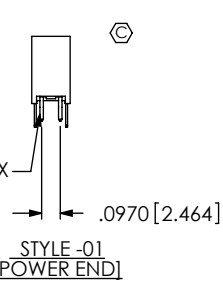
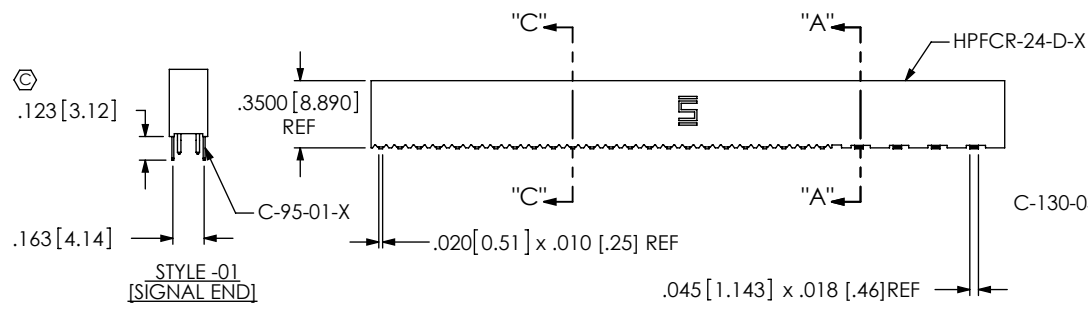
PLATING SPECIFICATION  
SIGNAL ONLY  
-T: MATTE TIN ON CONTACT AND TAIL  
-L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-TM: MATTE TIN CONTACT AND TAIL  
-LM: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION  
-LC: LOCKING CLIP  
(SEE NOTE 9 & 10)  
\* -A: ALIGNMENT PIN  
(USE HPFCR-XX-D-X-A)  
-K: KAPTON PAD (SHEET 2)  
(USE K-500-300)

POWER POSITIONS  
-02 THRU -04  
(USE C-130-03-X AND C-130-04-X)

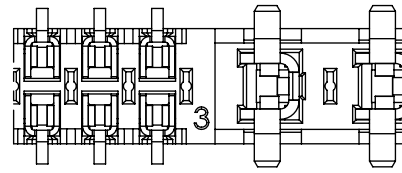
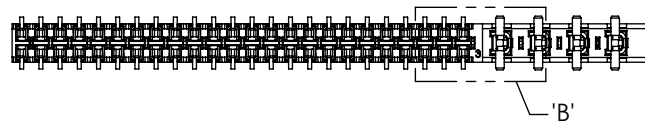
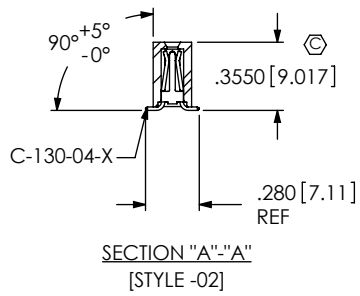
ROW SPECIFICATION  
-D: DOUBLE (USE HPFCR-24-D-X-X)

\* = 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].
9. -LC OPTION NOT AVAILABLE WITH -01 LEAD STYLE.
10. 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.



DETAIL 'B'  
SCALE 3 : 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

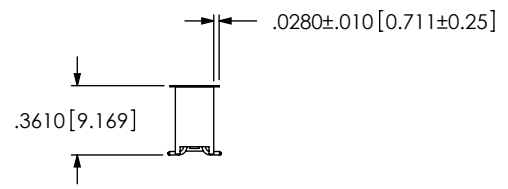
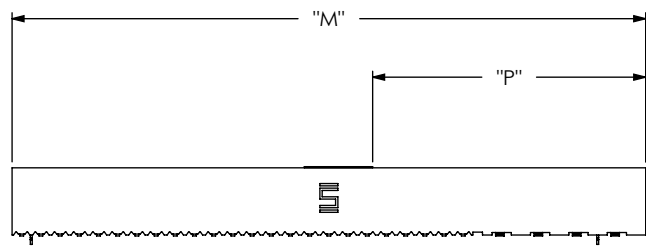
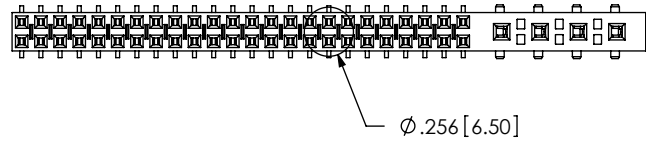
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**samtec**  
520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 53322

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

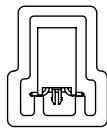
SHEET SCALE: 1:1

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

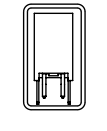
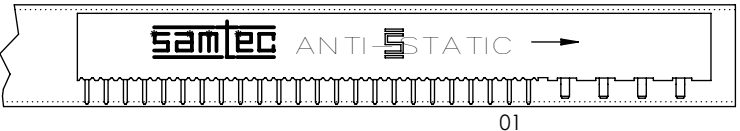


-K OPTION  
(SHOWN: HPFC-122-02-X-D-4-K)

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

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

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