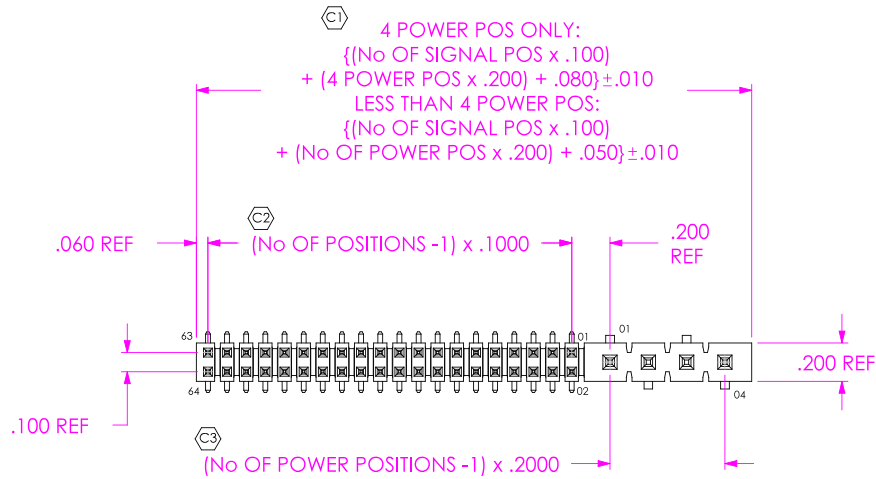
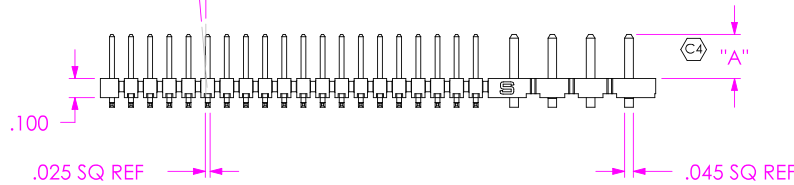


DO NOT SCALE FROM THIS PRINT

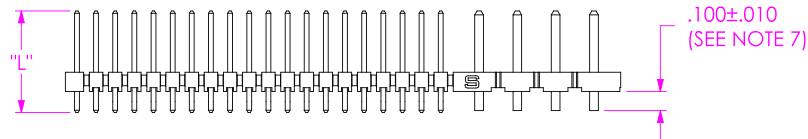
# HPMC-1XX-XX-Usas113



2° MAX SWAY (ANY DIRECTION)



SURFACE MOUNT: STYLES -02, -04, -06



THROUGH HOLE: STYLES -01, -03, -05  
 [DIFFERENT AS SHOWN, OTHERWISE SAME AS SURFACE MOUNT]

No OF POSITIONS  
 -02 THRU -24 (PER ROW)

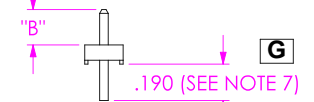
LEAD STYLE  
 -01, -03, \*-05: THROUGH HOLE  
 -02, -04, \*-06: SURFACE MOUNT (T-1S6-XX-X-2 & T-1S8-04-T) [SEE TABLE 1]

PLATING SPECIFICATION  
 -T: TIN (USE T-1S6-XX-T-2)  
 -L: LIGHT SELECTIVE GOLD (USE T-1S6-XX-L-2)

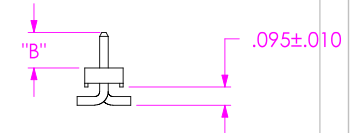
POWER POSITIONS  
 -02 THRU -04 (USE T-1S8-04-T)

ROW SPECIFICATION  
 -D: DOUBLE (USE HPMC-XX-D-X)

\* = NOT TOOLED



SURFACE MOUNT: IN-PROCESS 1 FOR POWER END



SURFACE MOUNT: IN-PROCESS 2 FOR POWER END

| No OF POS             | COPLANARITY |
|-----------------------|-------------|
| -02 THRU -20 (SIGNAL) | .0060       |
| -21 THRU -24 (SIGNAL) | .0080       |

NOTES:

- $\text{C1}$  REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY (SEE TABLE 2)
- BURR ALLOWANCE: .0015 MAX.
- MAXIMUM CUT FLASH: .020.
- MINIMUM PUSHOUT FORCE: 1.0 LB.
- MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
- POWER END TAILS SHEARED TO ACHIEVE DIMENSION SHOWN.

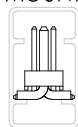
TABLE 1

| LEAD STYLE | "A"  | "B"  | TERMINAL     | "L"  |
|------------|------|------|--------------|------|
| -01        | .230 | ---  | T-1S6-16-X-2 | .445 |
| -02        | .230 | .185 | T-1S6-16-X-2 | ---  |
| -03        | .320 | ---  | T-1S6-08-X-2 | .530 |
| -04        | .320 | .275 | T-1S6-08-X-2 | ---  |
| *-05       | .485 | ---  | T-1S6-23-X-2 | .695 |
| *-06       | .420 | .375 | T-1S6-15-X-2 | ---  |

\* = FOR BOTTOM MOUNT & PASS THROUGH

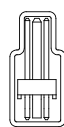
PACKAGING VIEW

SURFACE MOUNT



TUBE: PT-1-24-06-29  
 PLUG: TP-03

THROUGH HOLE



TUBE: PT-1-24-02-53  
 PLUG: TP-03

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

PROPRIETARY NOTE

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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1:1  
 INSULATOR: VECTRA E130i  
 COLOR: BLACK  
 SIGNAL TERMINAL: PHOS BRONZE  
 POWER TERMINAL: CDA 7025

F:\DWG\MISC\MKTG\HPMC-1XX-XX-USAS113-MKT.SLDDRW

**SAMTEC**

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DESCRIPTION: HI POWER MALE COMBO  
 DWG. NO. HPMC-1XX-XX-DEAN4  
 BY: DEAN P 2/15/1999 SHEET 1 OF 1