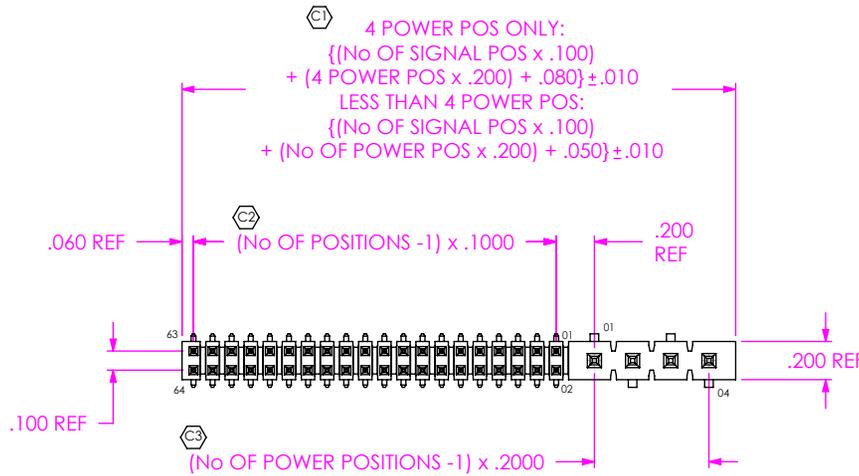


DO NOT SCALE FROM THIS PRINT

HPMC-1XX-XX-XX-X-XX



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

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

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

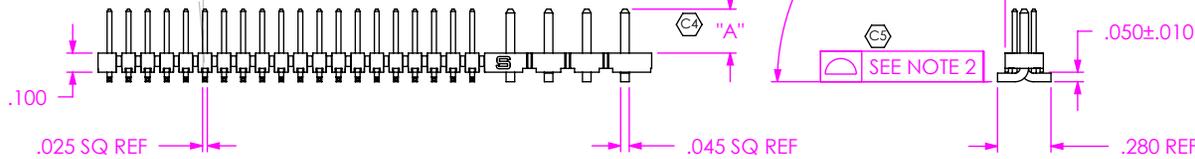
ROW SPECIFICATION
-D: DOUBLE (USE HPMC-XX-D-X)

PLATING SPECIFICATION

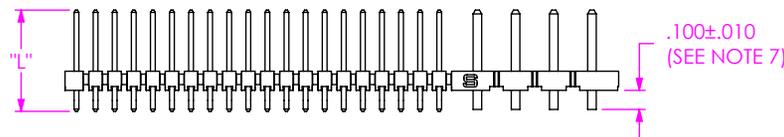
-T: TIN (USE T-1S6-XX-T-2 & T-1S8-04-T)
 -L: LIGHT SELECTIVE GOLD (USE T-1S6-XX-L-2 & T-1S8-04-T)
 -TM: MATTE TIN (USE T-1S6-XX-T-2 & T-1S8-04-T)
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE T-1S6-XX-L-2 & T-1S8-04-T)

* = NOT TOOLED

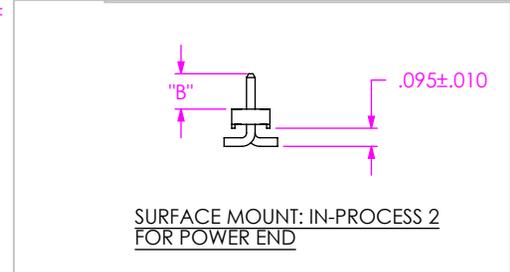
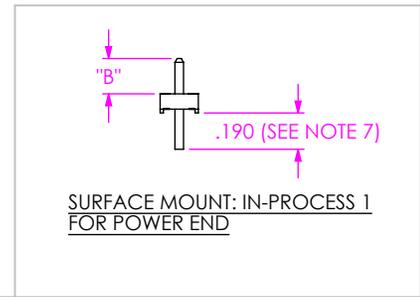
2° MAX SWAY (ANY DIRECTION)



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



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



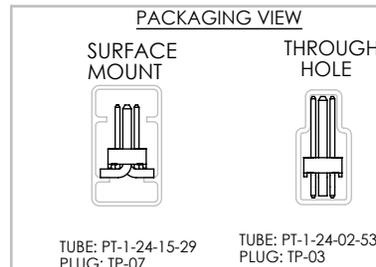
NOTES:

- Ⓢ 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.
- TIN PLATED PINS MUST BE FILLED IN THE SAME WAY AS THE SELECTIVE PLATED PINS TO REDUCE THE NUMBER OF BAND MARKS IN THE POST AREA.

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

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

* = FOR BOTTOM MOUNT & PASS THROUGH



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

SAMTEC

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

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