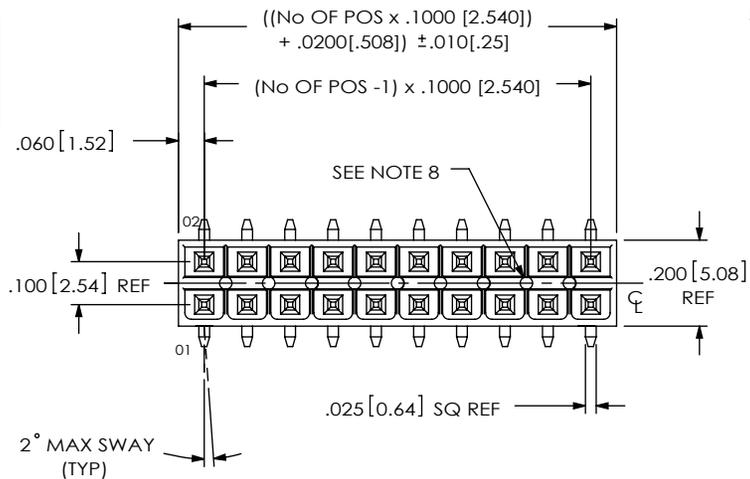


DO NOT SCALE FROM THIS PRINT



IPT1-1XX-XX-XX-D-VS-XX-XX

No OF POS PER ROW  
 -02 THRU -25

LEAD STYLE  
 -01

PLATING SPECIFICATION

- S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL MATTE TIN ON TAIL
- L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

OPTION

- K: POLYIMIDE FILM PAD [AVAILABLE ON POSITIONS -03 THRU -25 ONLY] (USE K-DOT-.236-.343-.005, SEE SHT 2, -K OPTION)
- TR: TAPE AND REEL

OPTION

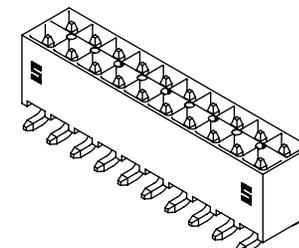
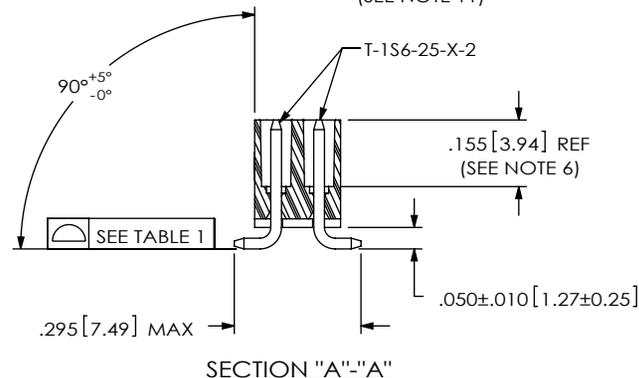
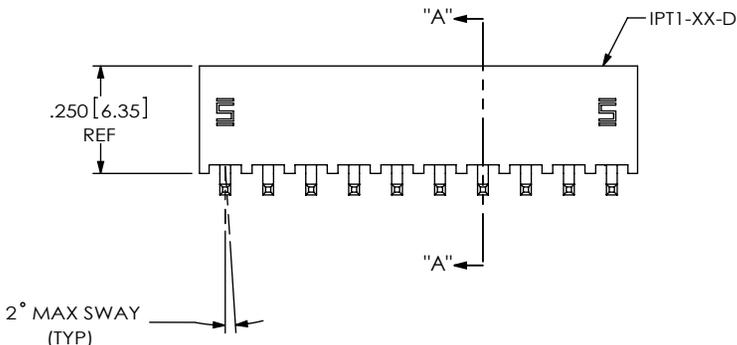
- A: ALIGNMENT PIN (USE SM-A11) [4 POS MIN]
- LC: LOCKING CLIP (USE LC-07-TM) [4 POS MIN] (SEE NOTE 10)
- FL: FRICTION LOCK [POS -05 THRU -25] (USE IPT1-XX-D-FL-X & T-1S64-05-X)
- PL: POSITION #1 REMOVED (USE IPT1-XX-D-P) (SEE NOTE 12)

TAIL OPTION

- VS: VERTICAL SURFACE MOUNT

ROW SPECIFICATION

- D: DOUBLE (USE IPT1-XX-D) (SEE NOTE 11)



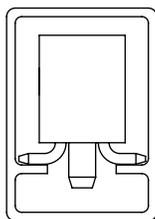
POSITION	COPLANARITY
-02 THRU -10	.005 [.13]
-11 THRU -25	.006 [.15]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM ALLOWABLE CUT FLASH: .010 [.25].
- MINIMUM TERMINAL PUSH OUT FORCE: 2 lbs.
- MAXIMUM VARIATION BETWEEN PIN ROWS: .005 [.13].
- "END WALLS" AFTER CUTTING SHOULD BE .010+/- .003 [.25+/- .08].
- PINS TO BE FLUSH TO .008 [.20] MAXIMUM RECESSED IN BODY.
- ALL DIMENSIONS TO BE ABOUT CENTERLINE WITHIN +/- .005 [.13].
- PRESENCE OF VOIDS IS OPTIONAL AND PATTERN TO WHICH THEY OCCUR IS VARIABLE.
- NOTE DELETED.
- 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.
- STANDARD BODIES CAN BE CUT TO POSITION. FOR -LC, -FL & -PL OPTIONS, BODIES MUST BE MOLDED TO POSITION.
- FOR EXISTING CUSTOMERS ONLY, -POL CAN BE SUBSTITUTED FOR -PL.

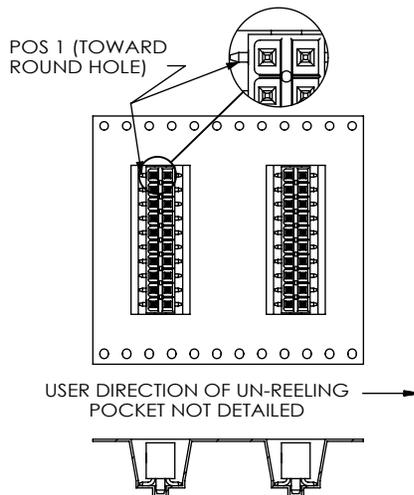
PACKAGING VIEW

[-02 POSITION TO BE BULK PACKAGED]

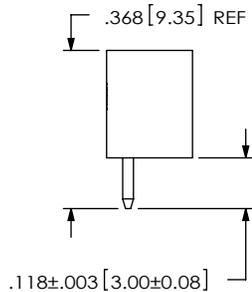


TUBE: PT-1-24-01-103  
 PLUG: TP-09

-TR: TAPE & REEL PACKAGING OPTION



IN-PROCESS



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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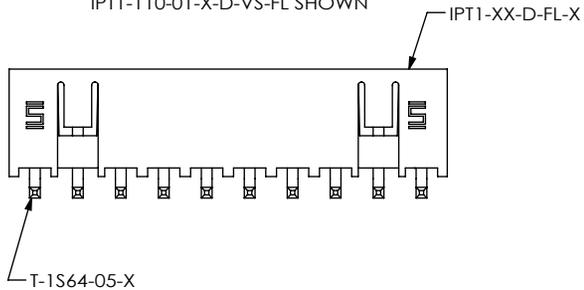
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.25:1  
 INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
 CONTACT: PHOS BRONZE, 510, 3/4 HARD

DESCRIPTION:  
 .100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY  
 DWG. NO.  
 IPT1-1XX-XX-XX-D-VS-XX-XX

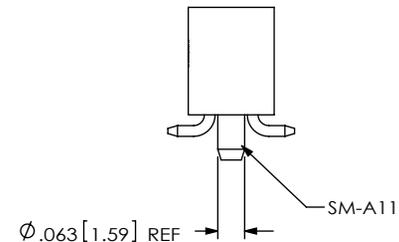
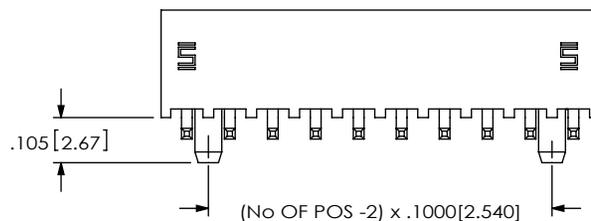
**-FL: FRICTION LOCK OPTION**

IPT1-110-01-X-D-VS-FL SHOWN



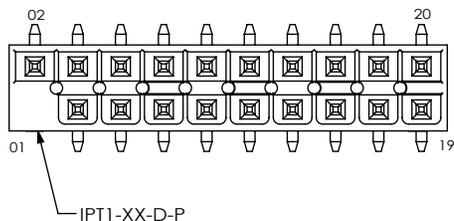
**-A: ALIGNMENT PIN OPTION**

IPT1-110-01-X-D-VS-A SHOWN



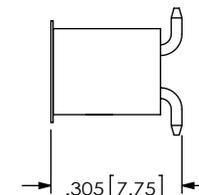
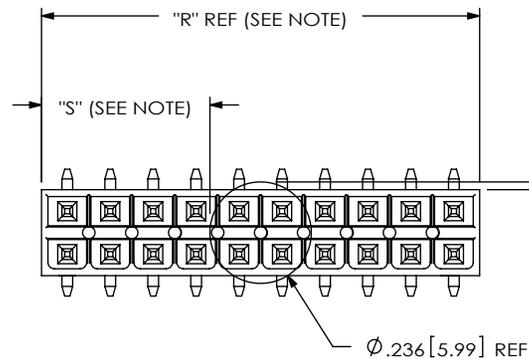
**-PL: POLARIZED OPTION**

IPT1-110-01-X-D-VS-PL SHOWN



**-K: POLYIMIDE FILM PAD OPTION**

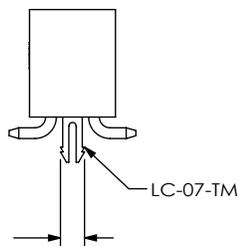
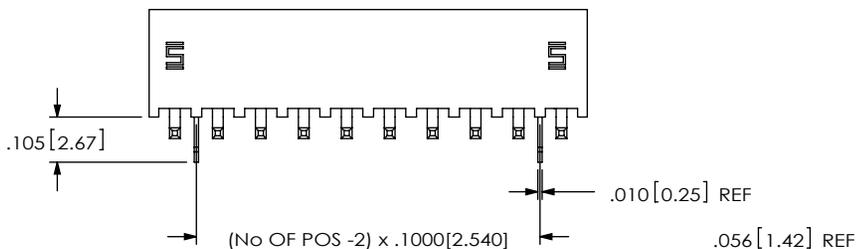
[AVAILABLE ON POSITIONS -03 THRU -25 ONLY]



NOTE: "R" = USE MEASURED DIMENSION  
 "S" = (( "R" - .2362 [6.000] ) / 2) ±.020 [51]

**-LC: LOCKING CLIP OPTION**

IPT1-110-01-X-D-VS-LC-FL SHOWN



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DO NOT SCALE DRAWING  
 SHEET SCALE: 2.25:1



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

DESCRIPTION:  
 .100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY

DWG. NO.  
**IPT1-1XX-XX-XX-D-VS-XX-XX**

BY: DEAN P 11-06-2002 SHEET 2 OF 2