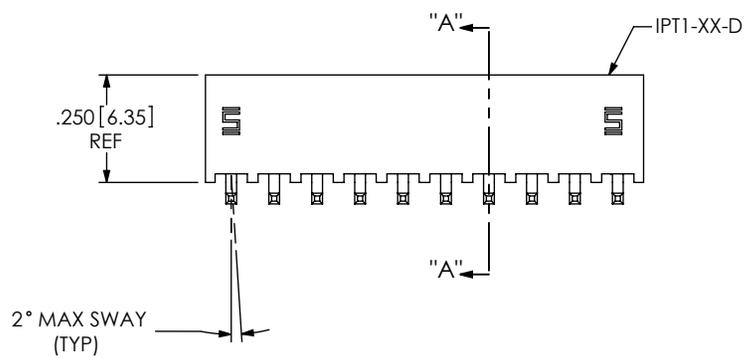
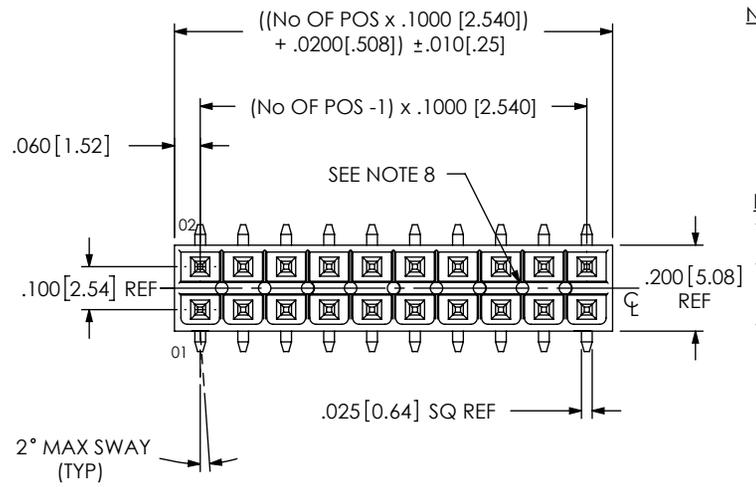


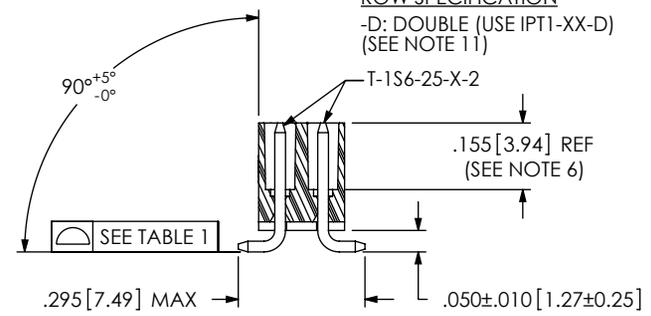
DO NOT SCALE FROM THIS PRINT



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

- NO OF POS PER ROW**  
-02 THRU -25
- LEAD STYLE**  
-01
- PACKAGING**  
 BLANK: TUBES (SEE NOTE 13)  
 -TR: TAPE AND REEL (SEE NOTE 14 & 15)  
 -FR: FULL REEL QTY TAPE & REEL (SEE NOTE 14 & 15)
- PICK & PLACE OPTION**  
 -K: POLYIMIDE FILM PAD [AVAILABLE ON POSITIONS -03 THRU -25 ONLY] (USE K-DOT-.236-.343-.005, SEE SHT 2, -K OPTION)
- 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)

- 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



SECTION "A"- "A"

NOTES:

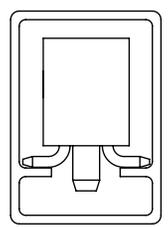
- REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM ALLOWABLE CUT FLASH: .010[.25].
- MINIMUM TERMINAL PUSH OUT FORCE: 2 lbs.
- MAXIMUM VARIATION BETWEEN PIN ROWS: .005[.13].
- "END WALLS" AFTER CUTTING SHOULD BE .010+/--.003[.25+/--.08].
- PINS TO BE FLUSH TO .008 [.20] MAXIMUM RECESSED IN BODY.
- ALL DIMENSIONS 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 SUBSTITUED FOR -PL.
- TUBES ARE STANDARD PACKAGING.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
- ATTACH LABEL TO EACH REEL

**TABLE 1**

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

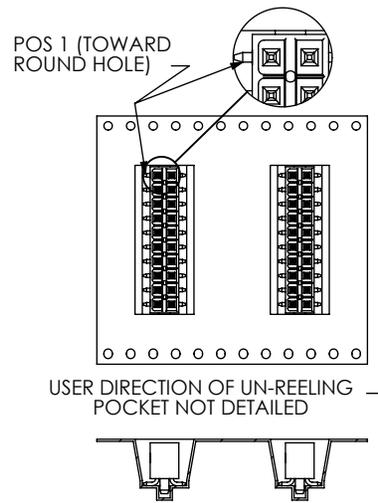
PACKAGING VIEW

[-02 POSITION TO BE BULK PACKAGED]

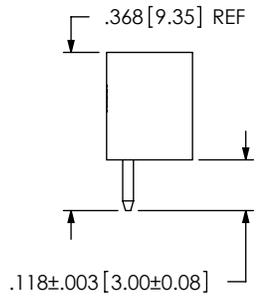


TUBE: PT-1-24-01-103  
 PLUG: TP-09

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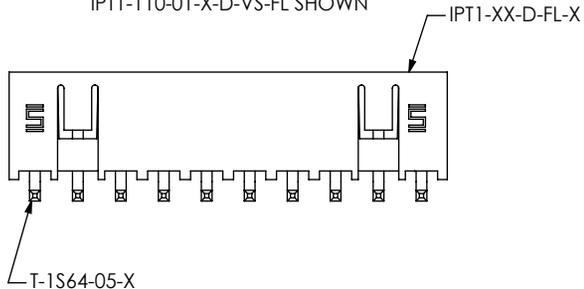
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail info@SAMTEC.com code 55322

**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-X-XX  
**BY:** DEAN P 11-06-2002 SHEET 1 OF 2

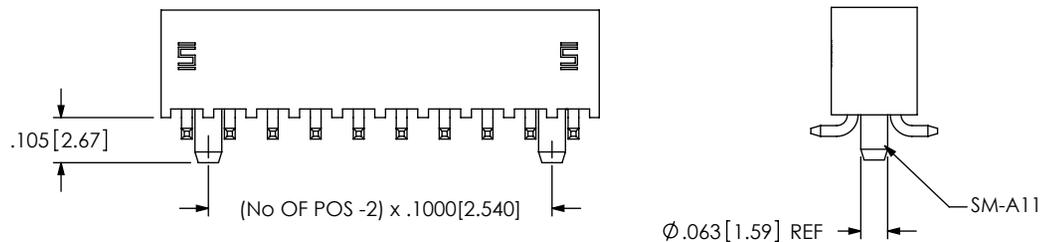
**-FL: FRICTION LOCK OPTION**

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



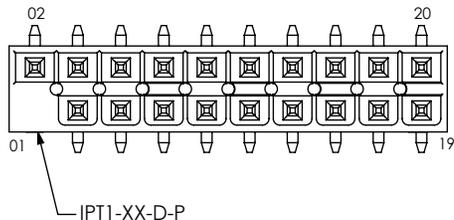
**-A: ALIGNMENT PIN OPTION**

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



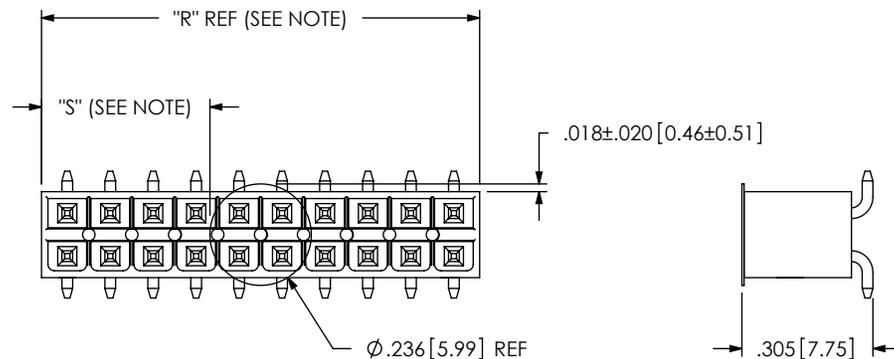
**-PL: POLARIZED OPTION**

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



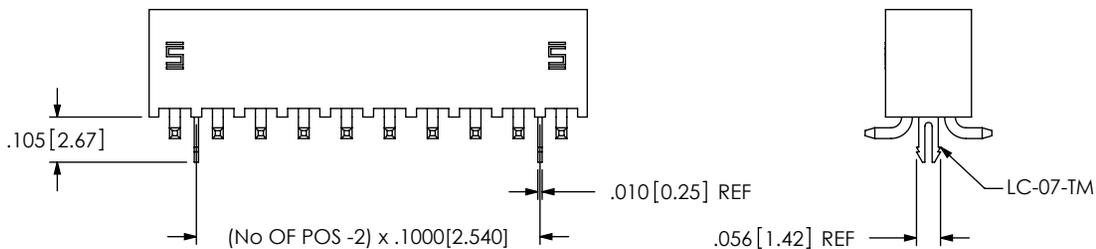
**-K: POLYIMIDE FILM PAD OPTION**

[AVAILABLE ON POSITIONS -03 THRU -25 ONLY]



**-LC: LOCKING CLIP OPTION**

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



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

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DO NOT SCALE DRAWING

SHEET SCALE: 2.25:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 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-X-XX**

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