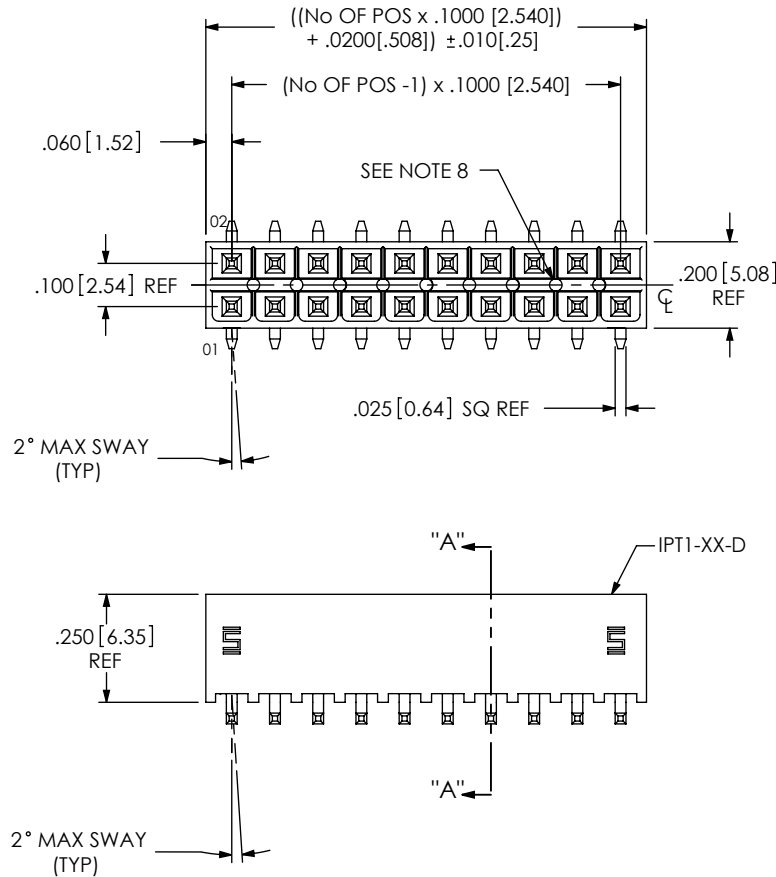


DO NOT  
SCALE FROM  
THIS PRINT



# 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  
-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]  
-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)

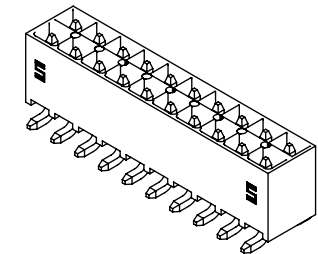
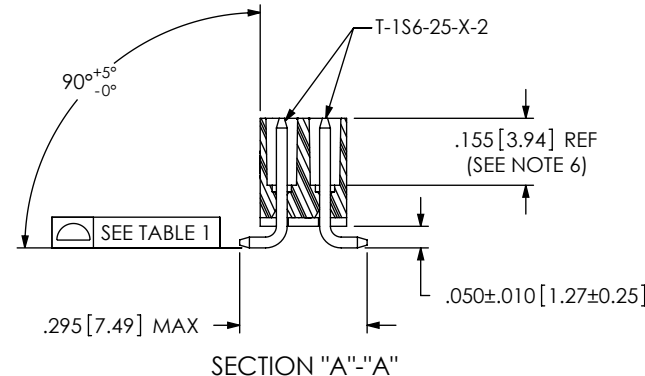
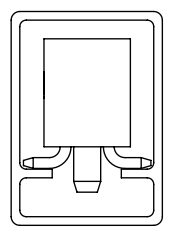


TABLE 1	
POSITION	COPLANARITY
-02 THRU -10	.005[.13]
-11 THRU -25	.006[.15]

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

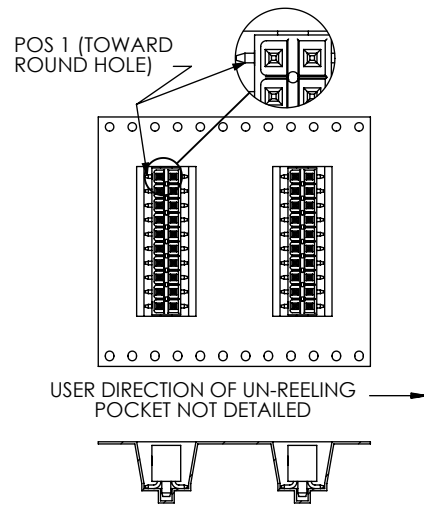
## PACKAGING VIEW

[-02 POSITION TO BE BULK PACKAGED]

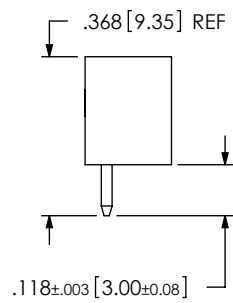


TUBE: PT-1-24-01-103  
PLUG: TP-09

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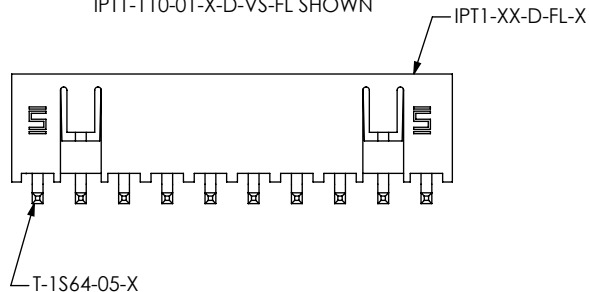
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

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

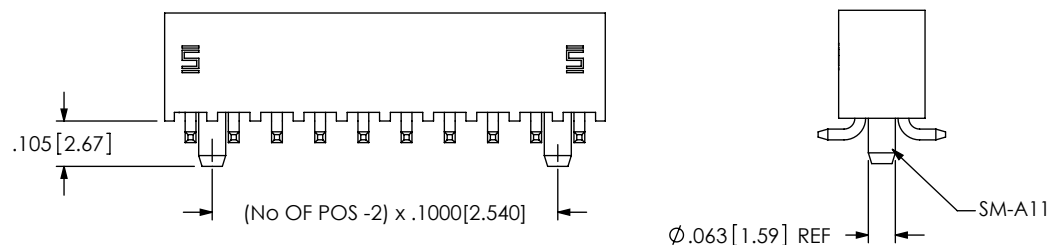
**-FL: FRICTION LOCK OPTION**

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



**-A: ALIGNMENT PIN OPTION**

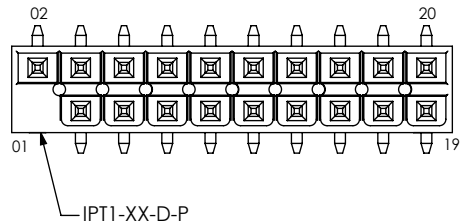
IPT1-110-01-X-D-VS-A SHOWN



Ø.063[1.59] REF

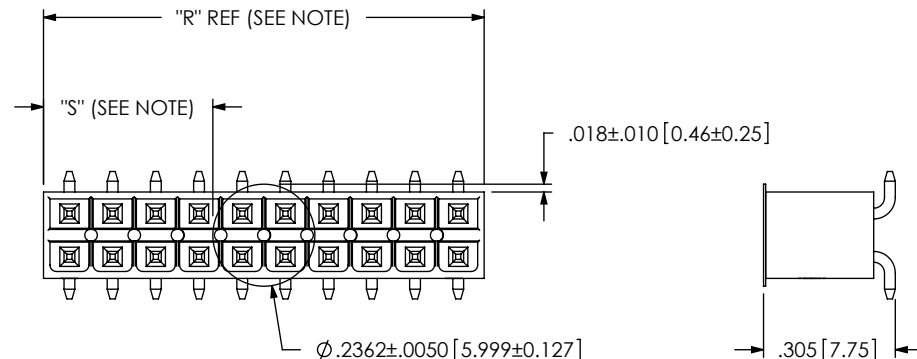
**-PL: POLARIZED OPTION**

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



**-K: POLYIMIDE FILM PAD OPTION**

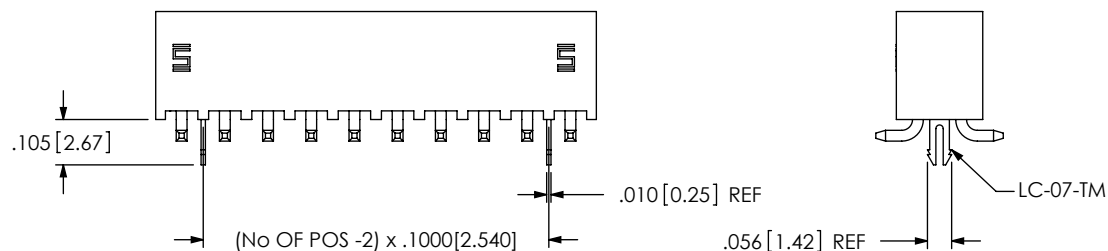
[AVAILABLE ON POSITIONS -03 THRU -25 ONLY]



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

**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:  
.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