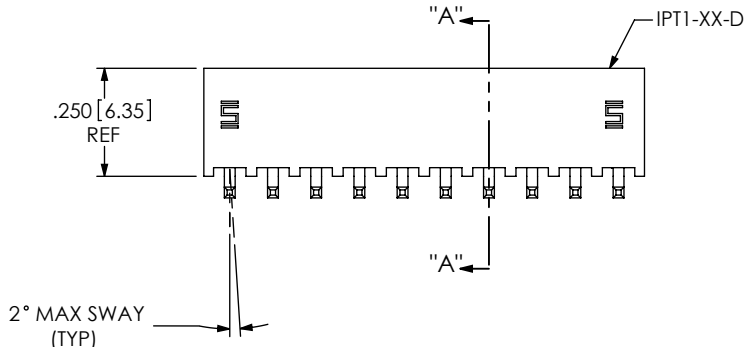
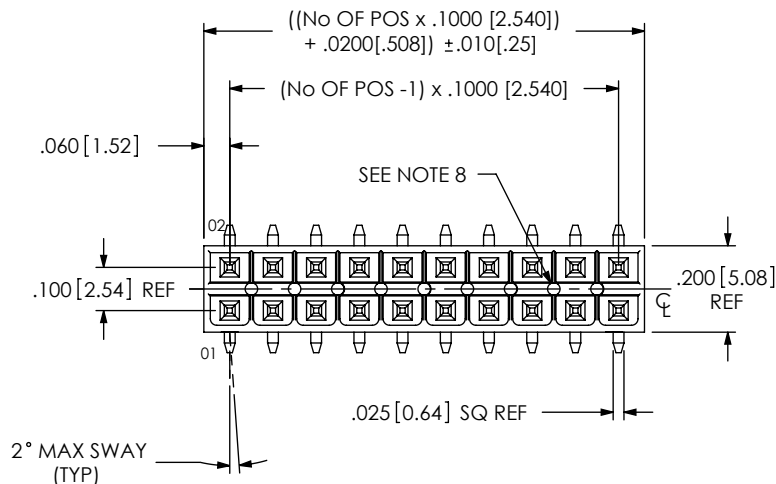


DO NOT  
SCALE FROM  
THIS PRINT



# 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]  
-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)

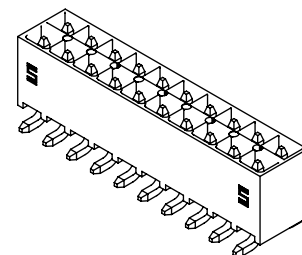
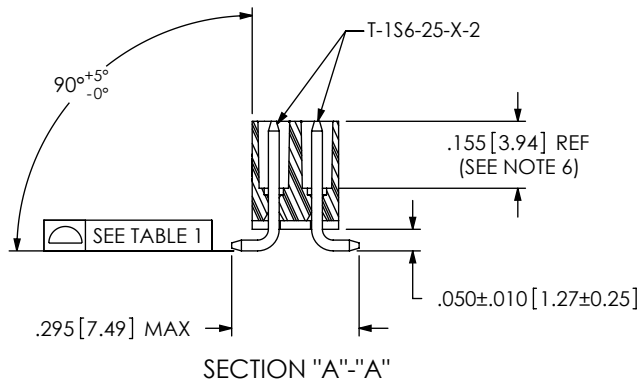


TABLE 1

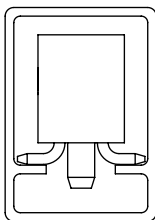
POSITION	COPLANARITY
-02 THRU -10	.005[.13]
-11 THRU -25	.006[.15]

## NOTES:

1.  $\text{C}$  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.

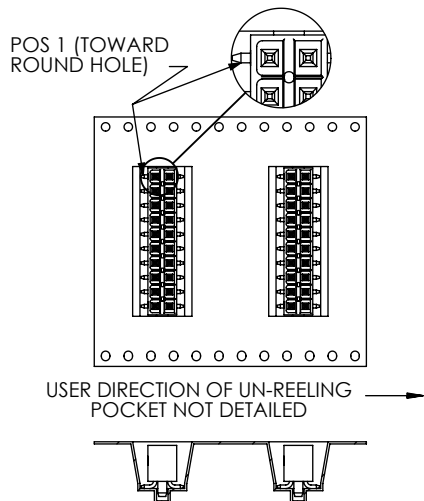
## PACKAGING VIEW

[-02 POSITION TO BE  
BULK PACKAGED]

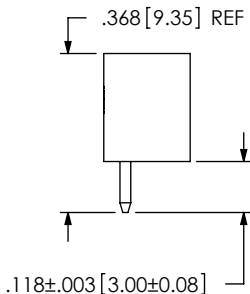


TUBE: PT-1-24-01-103  
PLUG: TP-09

## -TR: TAPE & REEL PACKAGING OPTION



## IN-PROCESS



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES

.XX:  $\pm .01 [3]$   $\pm 2^\circ$

.XXX:  $\pm .005 [13]$

.XXXX:  $\pm .0020 [051]$

## PROPRIETARY NOTE

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## MATERIAL:

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

SHEET SCALE: 2.25:1

## DESCRIPTION:

.100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY

## DWG. NO.

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

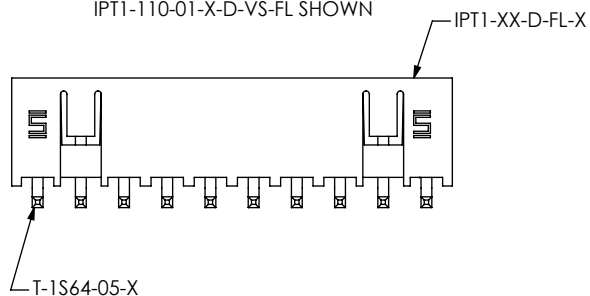
BY: DEAN P

11-06-2002

SHEET 1 OF 2

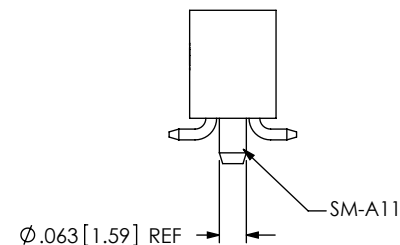
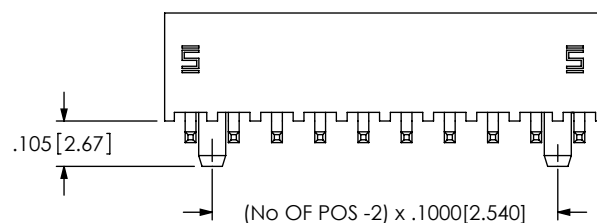
**-FL: FRICTION LOCK OPTION**

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



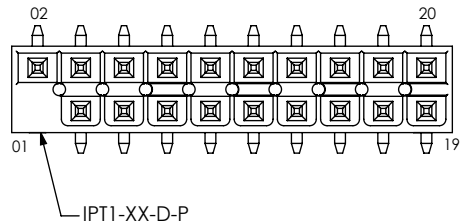
**-A: ALIGNMENT PIN OPTION**

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



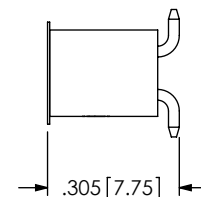
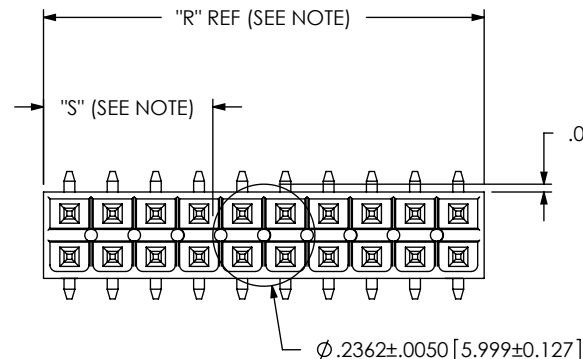
**-PL: POLARIZED OPTION**

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



**-K: POLYIMIDE FILM PAD OPTION**

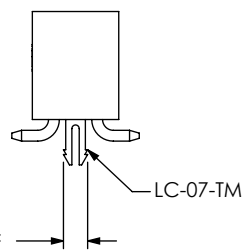
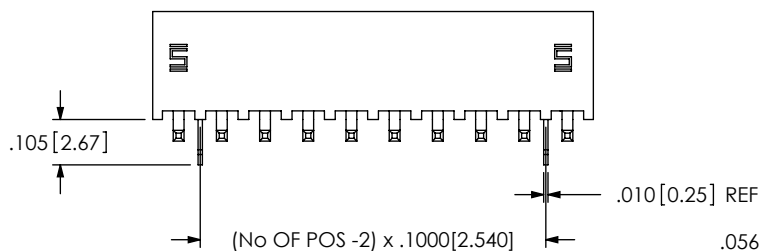
**[AVAILABLE ON POSITIONS -03 THRU -25 ONLY]**



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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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