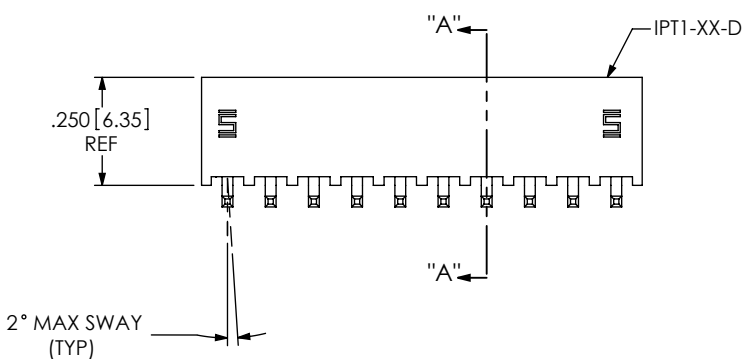
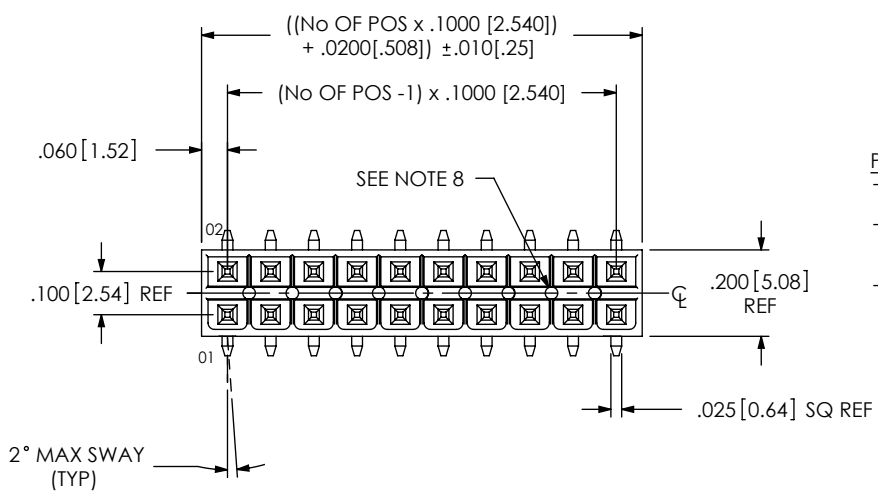


DO NOT SCALE FROM THIS PRINT



**IPT1-1XX-XX-XX-D-VS-XX-XXX**

**No OF POS PER ROW**  
-02 THRU -25

**LEAD STYLE**  
-01

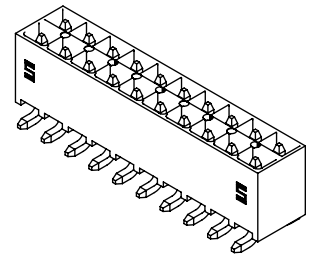
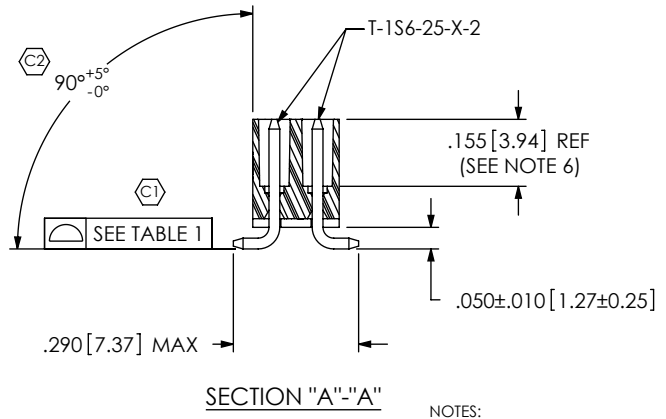
**PLATING SPECIFICATION**  
-S: HEAVY SELECTIVE GOLD (USE T-1S6-25-S-2)  
-SM: HEAVY SELECTIVE GOLD, MATTE TIN ON TAIL (USE T-1S6-25-S-2)  
-L: LIGHT SELECTIVE GOLD, MATTE TIN ON TAIL (USE T-1S6-25-L-2)

**OPTION**  
-POL: POSITION #1 REMOVED (USE IPT1-XX-D-P)  
-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)

**TAIL OPTION**  
-VS: VERTICAL SURFACE MOUNT

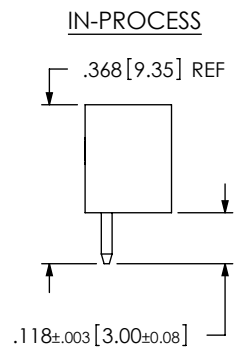
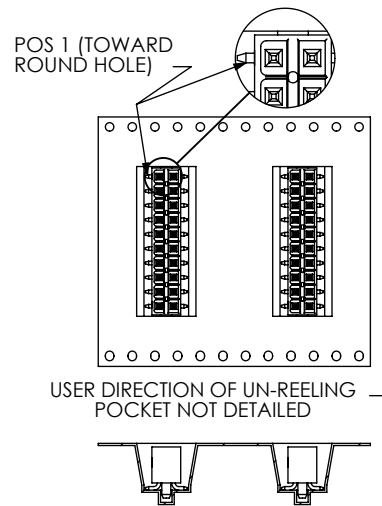
**ROW SPECIFICATION**  
-D: DOUBLE (USE IPT1-XX-D)



- 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.
  - AFTER REVISION T OF COMPONENT PRINT IPT1-XX-D-XX-X, SAMTEC LOGO TO APPEAR ON CORE #1 FOR POSITIONS 1 THROUGH 5 AND CORE #1 AND #49 FOR POSITIONS 6 THROUGH 50.
  - 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.

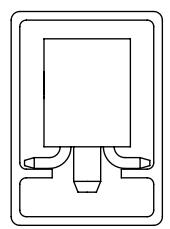
POSITION	COPLANARITY
-02 THRU -10	.005 [.13]
-11 THRU -25	.006 [.15]

-TR: TAPE & REEL PACKAGING OPTION



PACKAGING VIEW

[-02 POSITION TO BE BULK PACKAGED]



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

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

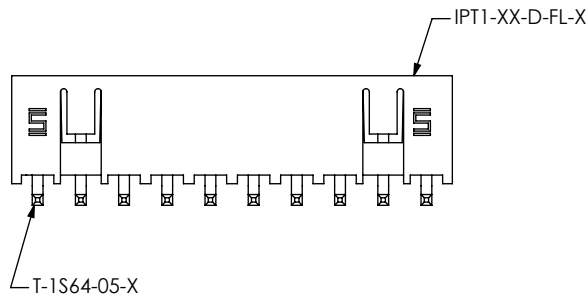
**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2.25:1  
INSULATOR: VECTRA E130i, COLOR: BLACK  
CONTACT: PHOS BRONZE, 510, 3/4 HARD

DESCRIPTION:  
.100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY

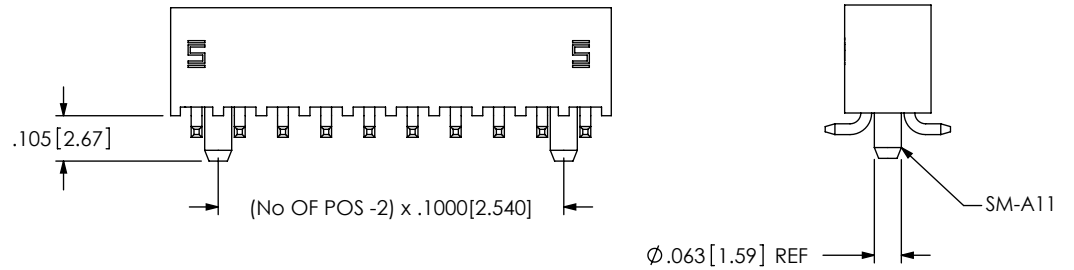
DWG. NO.  
**IPT1-1XX-XX-XX-D-VS-XX-XXX**

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

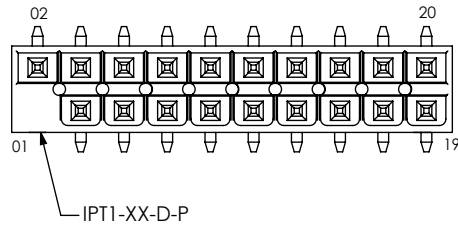
-FL: FRICTION LOCK OPTION  
IPT1-110-01-X-D-VS-FL SHOWN



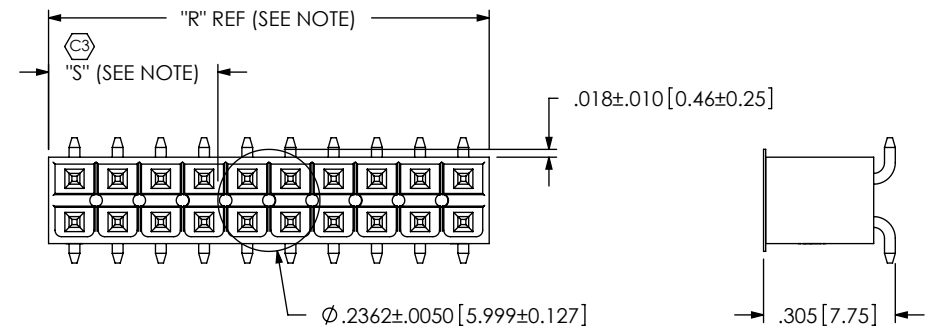
-A: ALIGNMENT PIN OPTION  
IPT1-110-01-X-D-VS-A SHOWN



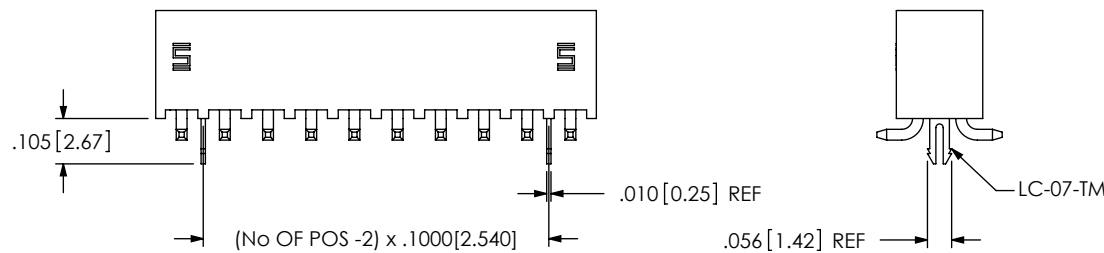
-POL: POLARIZED OPTION  
IPT1-110-01-X-D-VS-POL SHOWN



-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" =  $(("R" - .2362[6.000]) / 2) \pm .020[.51]$

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SHEET SCALE: 2.25:1

**samtec**

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
.100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY

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

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