

DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

T2M-1XX-XX-X-D-XX-XX

NO OF POSITIONS

**02, **03, **04, -05, -07, -
10, -15, -20, -25, & -30 (PER
ROW) AVAILABLE AS
STANDARD; OTHER SIZES
BETWEEN -05 THRU -50
AVAILABLE AS ASO

LEAD STYLE
-01

PLATING SPECIFICATION

-L: 10μ" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(USE T-1S13-XX-L-2)
-S: 30μ" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(USE T-1S13-XX-S-2)

ROW SPECIFICATION

-D: DOUBLE ROW

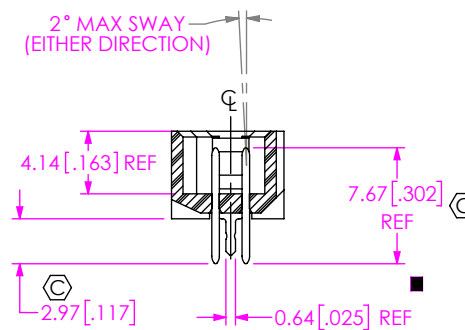
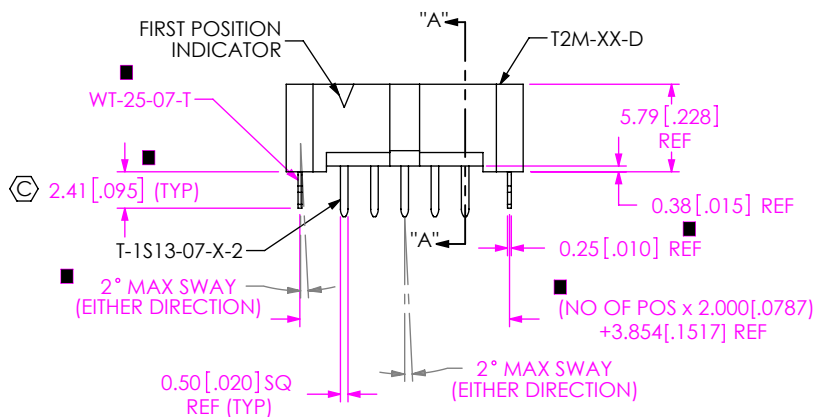
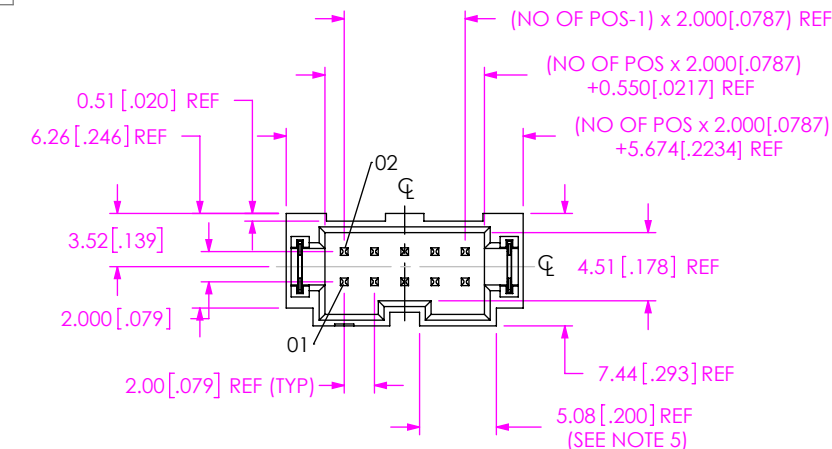
OPTION

-DS: DUAL SCREW DOWN (SEE FIG 6, SHT 3)
(FOR 1.57mm [.062] PCB)
(AVAILABLE 5-30 POSITIONS ONLY)
(NOT AVAILABLE WITH -RA, -WT OPTIONS)
(USE T-1S13-04-X-2 WITH TH OPTION
AND TI-M2-4-VSFM-T,
USE T-1S13-20-X-2 WITH SM OPTION
AND TI-M2-4-VSFM-T)
-K: POLYIMIDE FILM (-SM OPTION ONLY)
(USE K-DOT-.295-.406-.005, SEE FIG 4)
(NOT AVAILABLE IN -02, -03 OR -04 POSITIONS)
-TR: TAPE & REEL (-SM OPTION ONLY)
(NOT AVAILABLE IN -02, -03 OR -04 POSITIONS)
-WT: WELD TAB : (USE WT-25-07-T);
(-SM, SEE FIG 3, SHT 2)
(-TH, SEE FIG 5, SHT 2)
-RA: (USE WT-81-01-T)

OPTION

-TH: THROUGH HOLE (SEE FIG 1)
-RA: RIGHT ANGLE (SEE FIG 2)
-SM: SURFACE MOUNT (SEE FIG 3, SHT 2)

** = ONLY AVAILABLE WITH -SM-WT OR -RA-WT OPTIONS



SECTION "A"- "A"

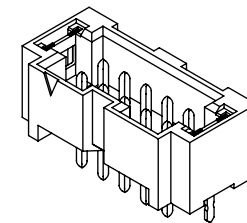


FIG 1
T2M-105-01-X-D-TH-XX
(■ = ONLY APPLICABLE WITH -WT OPTION)

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 4.44N[1.0 LB].
3. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: 0.13[.005] MAXIMUM.
4. MAXIMUM PIN ROTATION IN BODY TO BE 2°.
5. DUAL POLARIZATION SLOT NOT AVAILABLE ON CONNECTOR WITH LESS THAN 5 POSITIONS.
6. MINIMUM RETENTION FORCE FOR WELD TABS: 4.44N[1.0 LB].

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOS BRONZE
WELD TAB: PHOS BRONZE
KAPTON: POLYIMIDE FILM

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SHEET SCALE: 2:1

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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

DESCRIPTION:

2mm SHROUDED TERMINAL STRIP

DWG. NO.

T2M-1XX-XX-X-D-XX-XX

BY: J. BORGELT

3/23/09

SHEET 1 OF 3

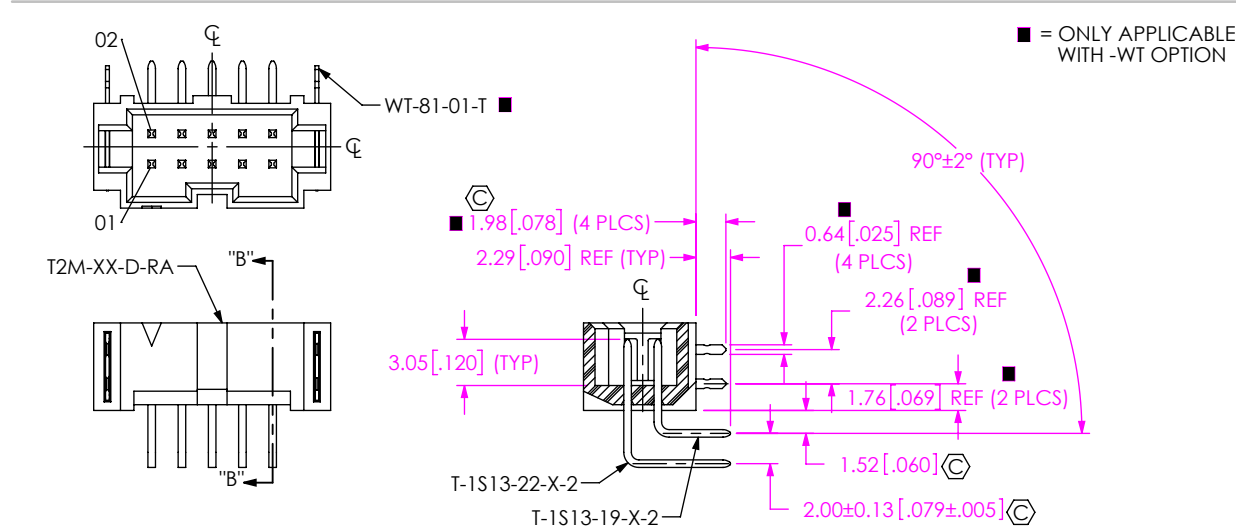
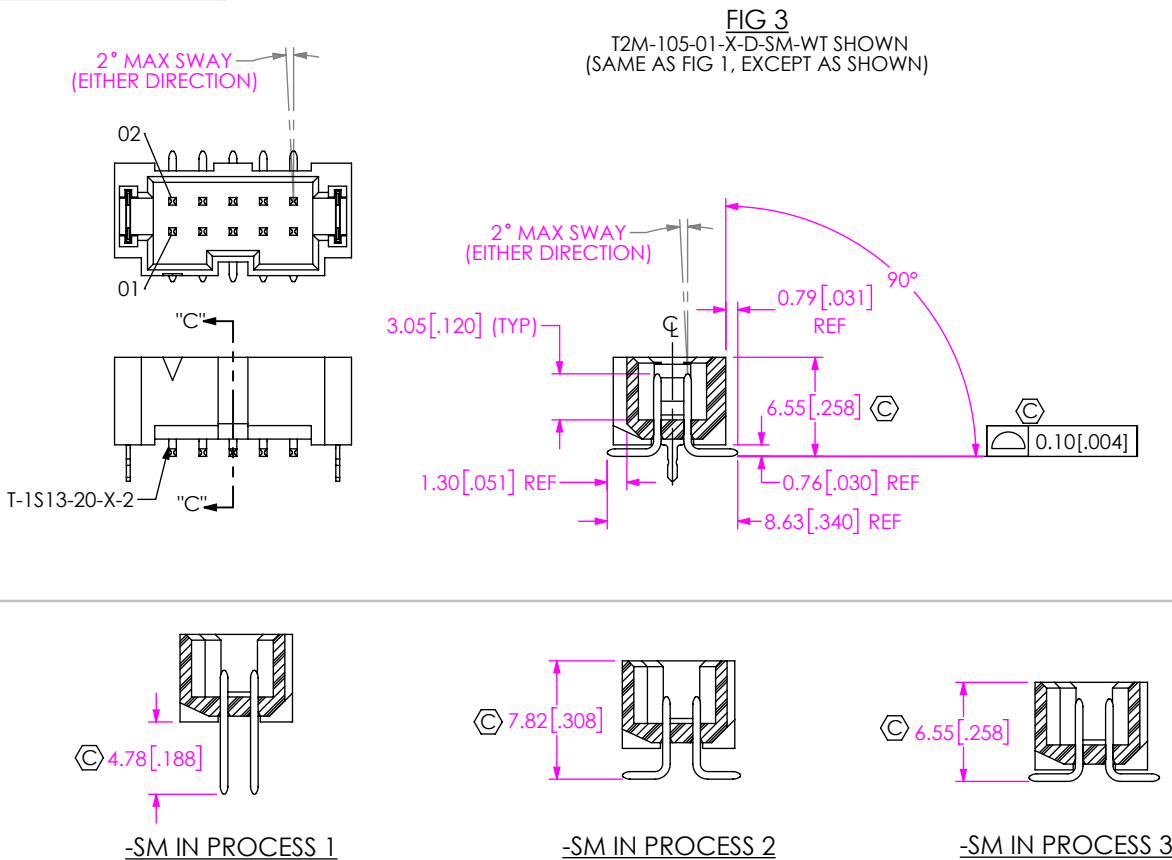


FIG 2
T2M-105-01-X-D-RA-XX
(SAME AS FIG 1, EXCEPT AS SHOWN)

F:\DWG\MISC\MKTG\T2M-1XX-XX-X-D-XX-XX-MKT.SLDDRW

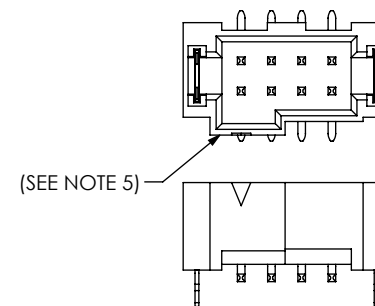
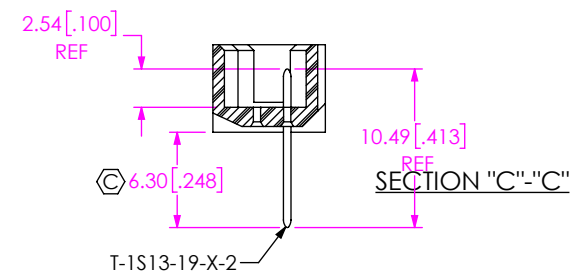
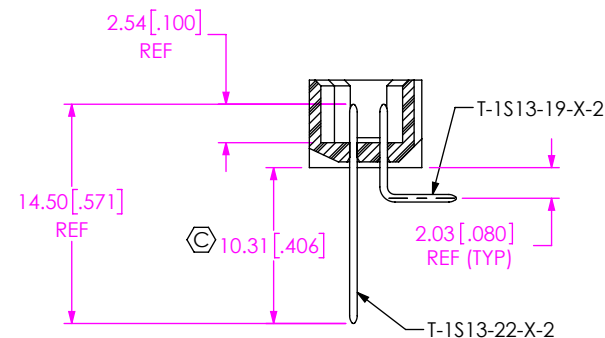


FIG 5
T2M-104-01-X-D-SM-WT
(SAME AS FIG 1, EXCEPT AS SHOWN)
(T2M-102-01-X-D-SM-WT SIMILAR)



-RA IN PROCESS 1



-RA IN PROCESS 2

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SECTION B-B
PS NOT TO SCALE DRAWING
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DWG. NO. T2M-1XX-XX-X-D-XX-XX

BY: J. BORGELT 3/23/09 SHEET 2 OF 3

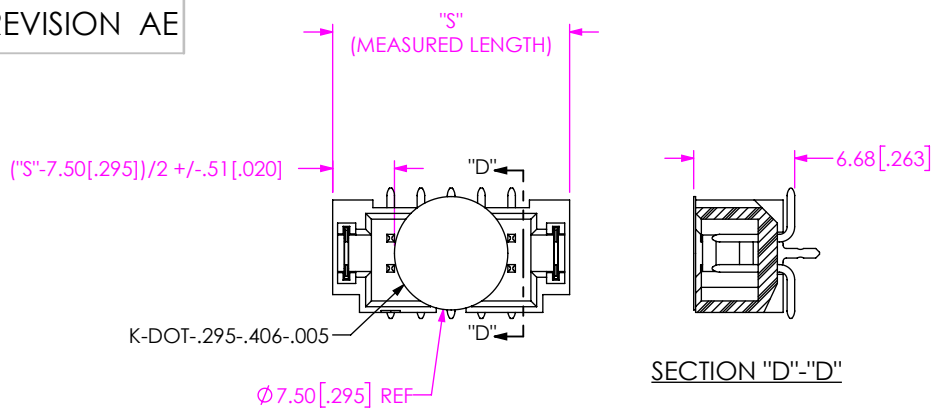
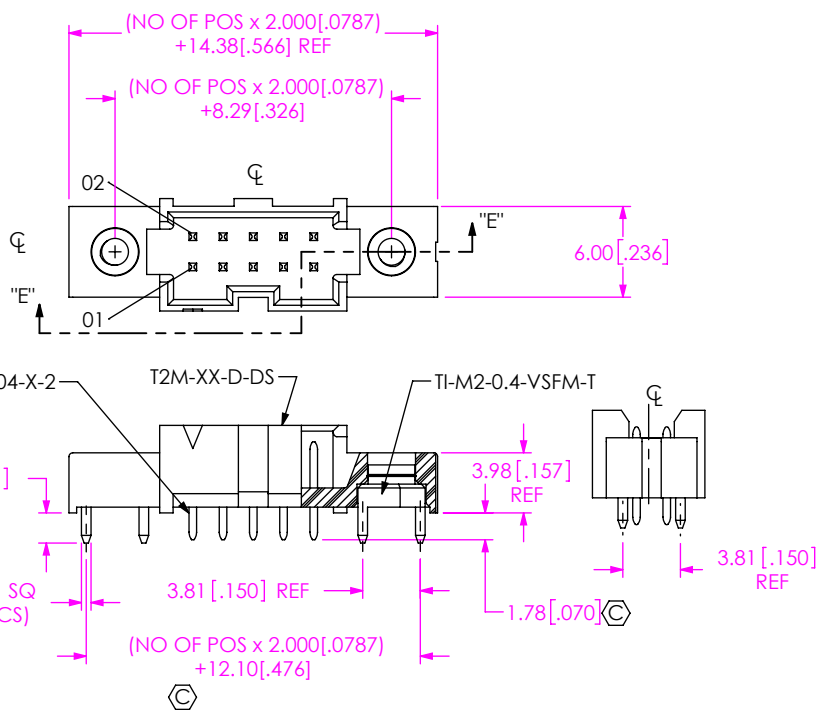


FIG 4
T2M-105-01-X-D-SM-K SHOWN
(FOR SURFACE MOUNT OPTION ONLY)



SECTION "E"-"E"

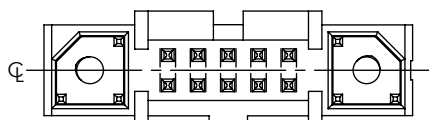
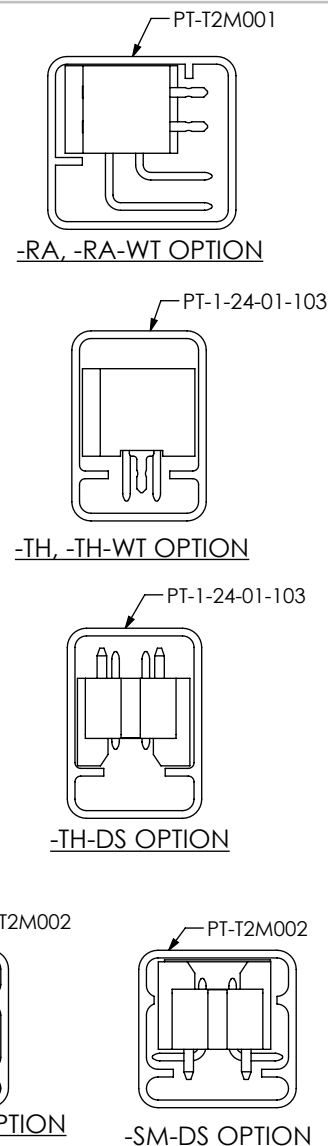
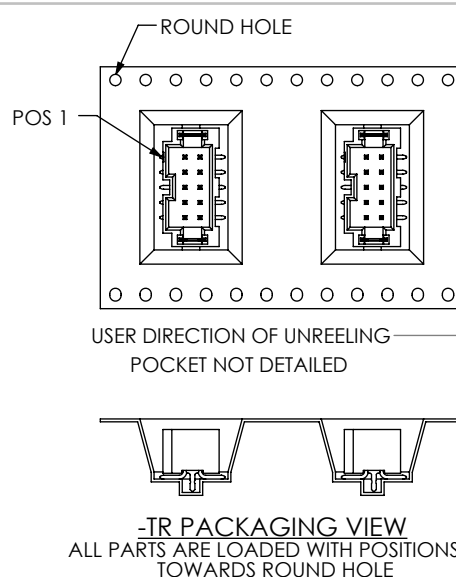


FIG 6
T2M-105-01-X-D-TH-DS SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(ONLY AVAILABLE WITH -TH & -SM OPTION)

TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-WT	PT-1-24-01-103	TP-09
-SM, -SM-WT	PT-T2M002	TP-09
-RA, -RA-WT	PT-T2M001	TP-07
-TH-DS	PT-1-24-01-103	TP-09
-SM-DS	PT-T2M002	TP-09



PACKAGING
ALL PARTS ARE LOADED WITH POSITIONS 1
TOWARDS ARROW

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