

**DESIGNED & DIMENSIONED
IN MILLIMETERS(INCHES)**

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

NO OF POSITIONS

**-.02, **-.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)

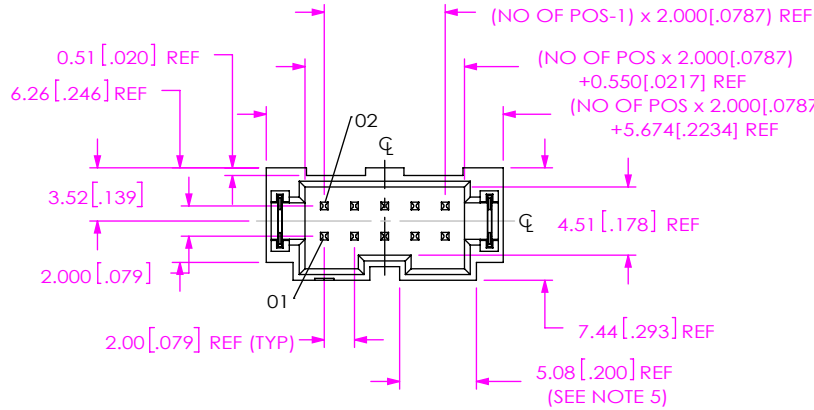
ROW SPECIFICATION
-D: DOUBLE ROW

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 OR -.04 POSITIONS)
-TR: TAPE & REEL (-SM OPTION ONLY)
(NOT AVAILABLE IN -.02 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

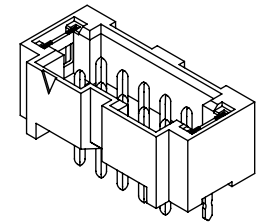
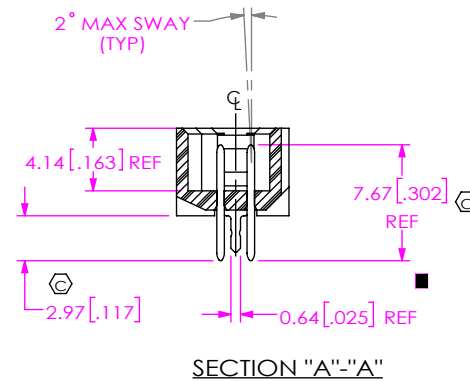
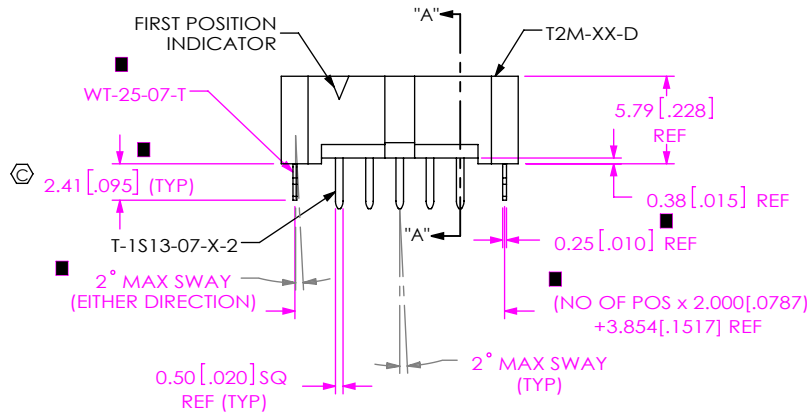


FIG 1
T2M-105-01-X-D-TH-XX
(■ = ONLY APPLICABLE WITH -WT OPTION)

NOTES:

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

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOS BRONZE
WELD TAB: PHOS BRONZE
KAPTON: POLYIMIDE FILM

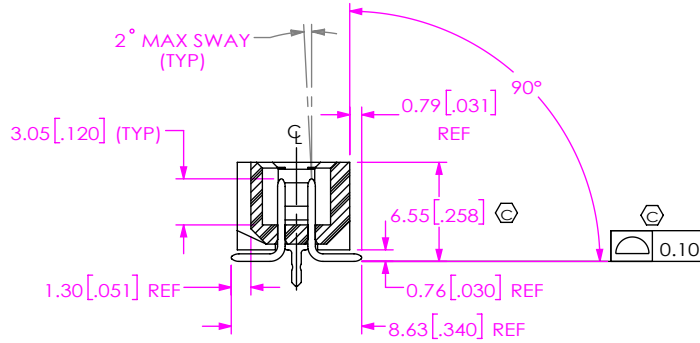
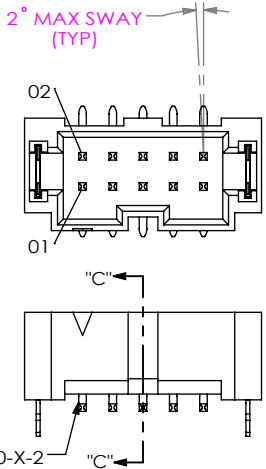


520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

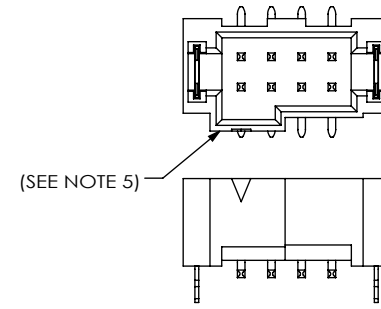
DESCRIPTION:
2mm SHROUDED TERMINAL STRIP
DWG. NO.
T2M-1XX-XX-X-D-XX-XX
BY: J. BORGELT 3/23/09 SHEET 1 OF 3

FIG 3

T2M-105-01-X-D-SM-WT SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



SECTION "C"-"C"

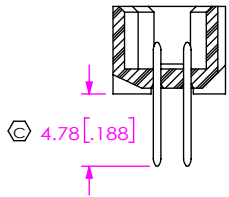
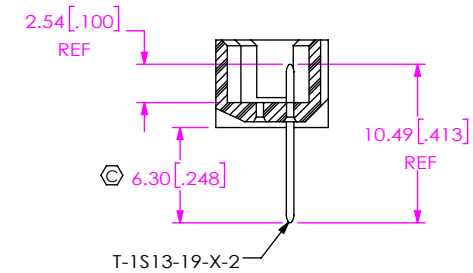


(SEE NOTE 5)

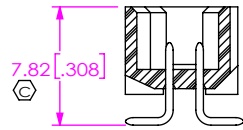
FIG 5

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

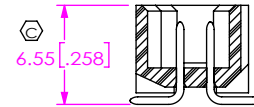
-RA IN PROCESS 1



-SM IN PROCESS 1



-SM IN PROCESS 2

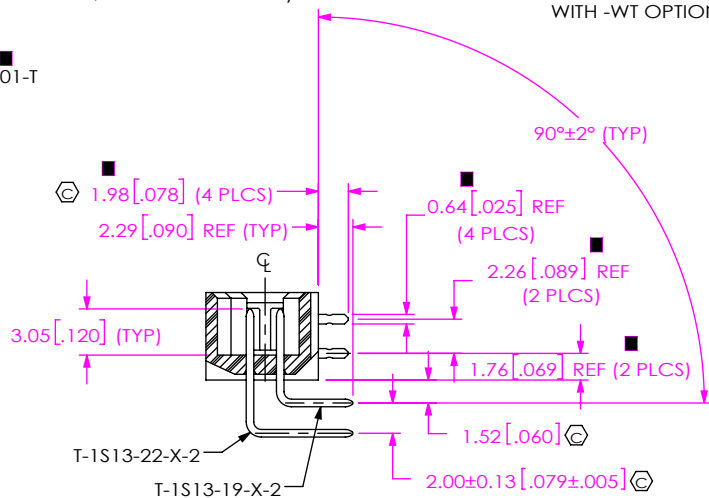
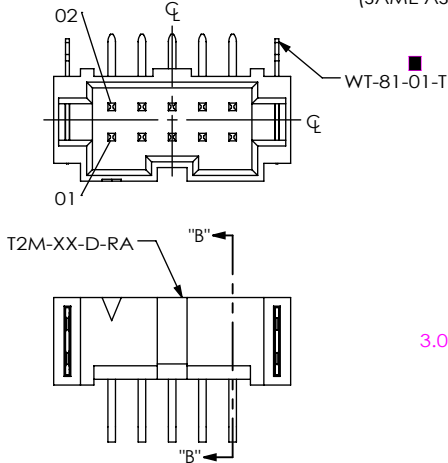


-SM IN PROCESS 3

FIG 2

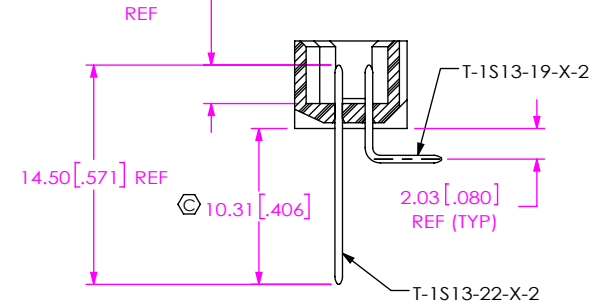
T2M-105-01-X-D-RA-XX
(SAME AS FIG 1, EXCEPT AS SHOWN)

■ = ONLY APPLICABLE WITH -WT OPTION



SECTION "B"-"B"

-RA IN PROCESS 2



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SHEET SCALE: 2:1



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DESCRIPTION: 2mm SHROUDED TERMINAL STRIP

DWG. NO. T2M-1XX-XX-X-D-XX-XX

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

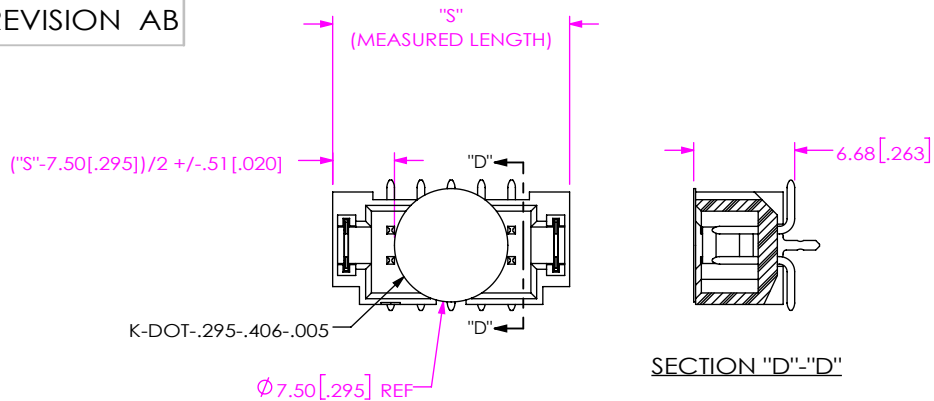


FIG 4
T2M-105-01-X-D-SM-K SHOWN
(FOR SURFACE MOUNT OPTION ONLY)

PACKAGING
ALL PARTS ARE LOADED WITH POSITIONS 1
TOWARDS ARROW

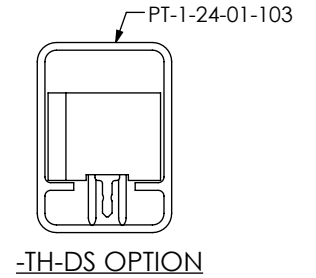
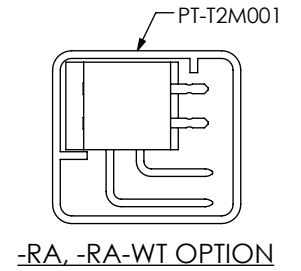
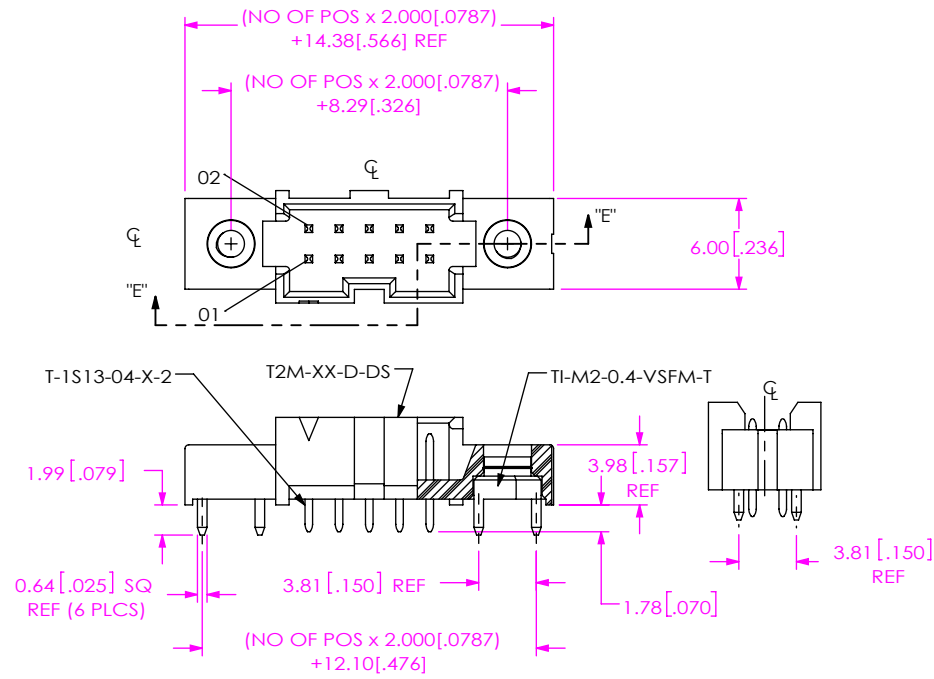


TABLE 1

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



SECTION "E"-"E"

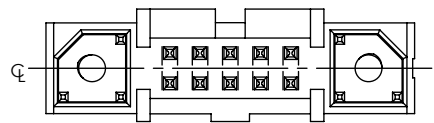
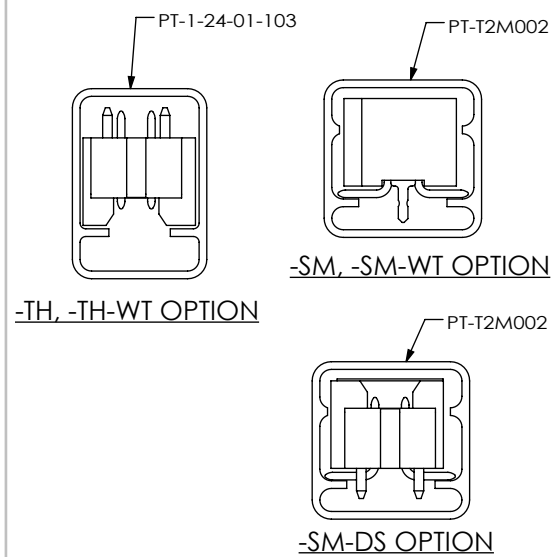
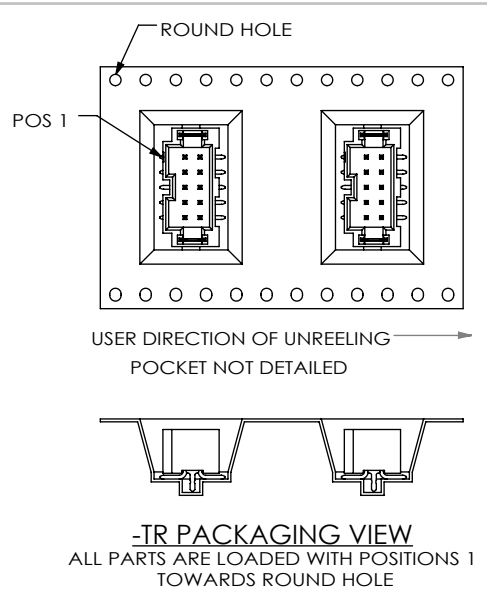


FIG 6
T2M-105-01-X-D-TH-DS SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(ONLY AVAILABLE WITH -TH & -SM OPTION)



-TH, -TH-WT OPTION

-SM, -SM-WT OPTION

-SM-DS OPTION

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