

DO NOT
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LEAD STYLE	TERMINAL	TABLE 1	
		MAX "A"	"C"
-02	T-1S13-02-XX-2	.309 [7.85]	.377 [9.6]
-03	T-1S13-03-XX-2	.467 [11.86]	.535 [13.6]
-04	T-1S13-06-XX-2	.487 [12.37]	.555 [14.1]
-06	T-1S13-10-XX-2	.605 [15.37]	.673 [17.1]
-07	T-1S13-11-XX-2	.683 [17.35]	.751 [19.1]
-09	T-1S13-13-XX-2	.388 [9.86]	.456 [11.6]

No OF POSITIONS

-02 THRU -36

No OF POS PER ROW x .07874[2.00]

LEAD STYLE

(SEE TABLE 1)

PLATING SPECIFICATION

-G: 20μ" SELECTIVE GOLD IN CONTACT AREA,
3μ" SELECTIVE GOLD ON TAIL.
-T: MATTE TIN ON CONTACT AND TAIL.
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-E: 50μ" GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL.
-L: 10μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-F: 3μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-P: 2μ" - 5μ" GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-TL: TIN/LEAD (90%/10+/-5%) CONTACT AND TAIL.
-STL: 30μ" SELECTIVE GOLD IN CONTACT AREA,
TIN/LEAD (90%/10+/-5%) TAIL.
-LTL: 10μ" SELECTIVE GOLD IN CONTACT AREA,
(90%/10+/-5%) TAIL.
-H: 30μ" SELECTIVE GOLD IN CONTACT AREA,
3μ" SELECTIVE GOLD ON TAIL.
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-TM: MATTE TIN ON CONTACT AND TAIL.
-LM: 10μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.
-FM: 3μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL.

ROW OPTION

-S: SINGLE ROW (USE TMM-50-S)

-D: DOUBLE ROW (USE TMM-50-D)

SPACE OPTION (SEE NOTE 8)

-XXX = "A"

(SEE TABLE 1, .170[4.32] MIN)

PACKAGING

-BLANK: TUBES (SEE NOTE 6)

-TR: TAPE & REEL (SEE NOTE 14 & 15)

(-07 LEAD STYLE NOT AVAILABLE IN -TR)

(SEE SHT 3 FOR -S-TR OPTION ORIENTATION VIEW)
(.475 MAX "A" WHEN COMBINED WITH -P OPTION)

-FR: FULL REEL QTY TAPE & REEL (SEE NOTE 14 & 15)

(-07 LEAD STYLE NOT AVAILABLE IN -FR)

(SEE SHT 3 FOR -S-FR OPTION ORIENTATION VIEW)
(.475 MAX "A" WHEN COMBINED WITH -P OPTION)

PICK & PLACE OPTION

-P: PICK & PLACE PAD (SEE NOTE 9)

(-D ROW: USE PPP-10) (-S ROW: USE PPP-11)

NOTE: "B" = .075[1.91] MIN FOR THIS OPTION, SEE FIG 6)

-M: PICK & PLACE PAD (SEE NOTE 9)

(-D ROW: USE PPP-10)

NOTE: "B" MUST BE .075[1.91] OR GREATER FOR THIS
OPTION, SEE FIG 5)

OPTION #1

-LC: LOCKING CLIP (SEE FIG 2, SHT 2) (SEE NOTE 10)

(-D ROW: USE 2TS-XX-D) (-S ROW: USE 2TS-XX-SV)

(.190 MIN BOARD SPACE)

*-A: MOLDED ALIGNMENT PIN (SEE FIG 3, SHT 2 & NOTE 7)

(AVAILABLE IN 02-36 POSITIONS)

(2 POSITIONS WILL ONLY HAVE ONE ALIGNMENT PIN)

(-D: USE 2TS-XX-DV-A) (-S ROW: USE 2TS-XX-SV-A, SEE NOTE 11)

(BOTTOM BODY ONLY, USE TMM-50-X FOR TOP)

STAKED ALIGNMENT PIN (SEE FIG 4, SHT 2 & NOTE 7)

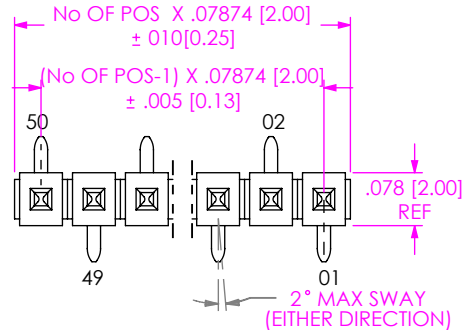
(-D ROW ONLY: USE TMM-50-D, 4 POS MIN)

(.190 MIN BOARD SPACE FOR BOTH)

OPTION #2

-XXX: POLARIZED POSITION (SPECIFY OMITTED PIN)

SURFACE MOUNT



-S: SINGLE ROW

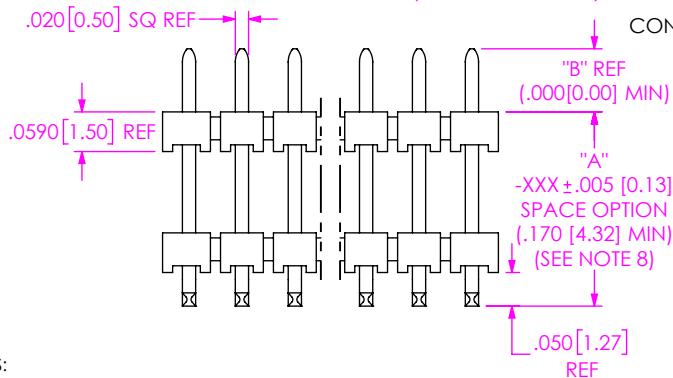
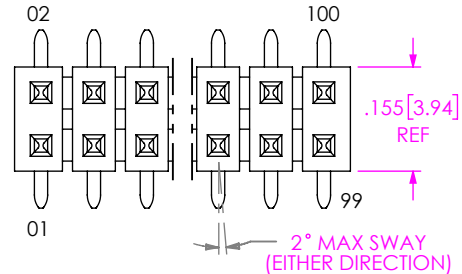
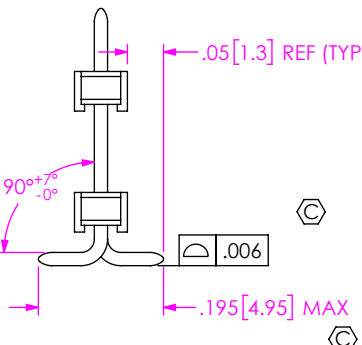
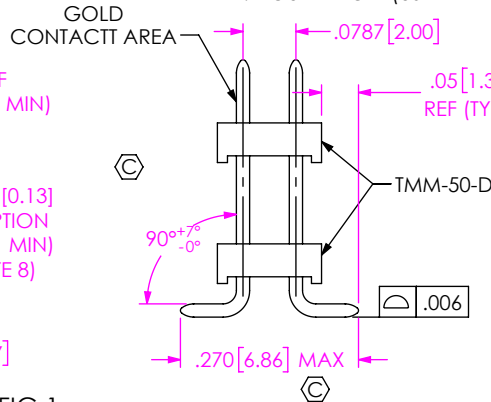
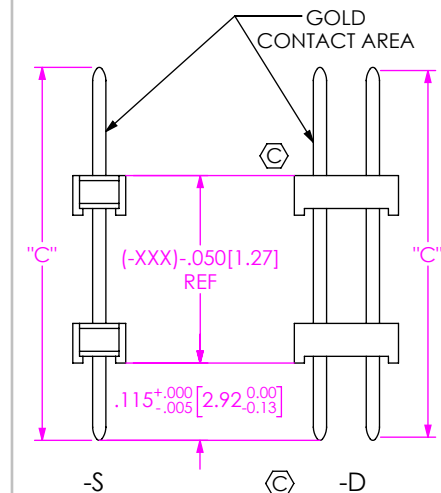


FIG 1

TW-XX-04-XXX-X-XXX-SM SHOWN



-S: SINGLE ROW



NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM PIN ROTATION IN BODY: 2°.
3. MINIMUM PUSHOUT FORCE SHALL BE 1 lb.
4. ALL DIMENSIONS IN BRACKETS [] TO BE MILLIMETERS.
5. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010.
6. TUBE POSITIONS -04 THROUGH -36 ONLY; BULK PACKAGE -02 & -03. TUBE PLUG MUST BE ALIGNED WITH INSULATOR. (SEE DETAIL ON SHT 2)
7. MOLDED OR STAKED ALIGNMENT PIN AT SAMTEC'S DISCRETION.
8. SPACE OPTION FROM .170 TO .209 REQUIRES AN ADDITIONAL REPRESS.
9. -M OPTION AVAILABLE ON -D ROW ONLY. -M OPTION AVAILABLE ON POSITIONS 4-36 ONLY. -P OPTION AVAILABLE ON 4-36 POSITION ONLY.
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. -S-A FOR EXISTING BUSINESS ONLY, NEW DESIGNS WILL BE AN ASP.
12. MAXIMUM CUT FLASH: .020 [0.51]
13. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
14. ATTACH LABEL-4X2 TO EACH REEL.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ±.01 [0.3]

.XXX: ±.005 [0.13]

.XXXX: ±.0020 [0.051]

ANGLES

2°

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MATERIAL:

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SHEET SCALE: 3.5:1

INSULATOR: LIQUID CRYSTAL POLYMER, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE

DESCRIPTION:

HIGH TEMP 2MM SMT BOARD
STACKING TERMINAL STRIP ASM

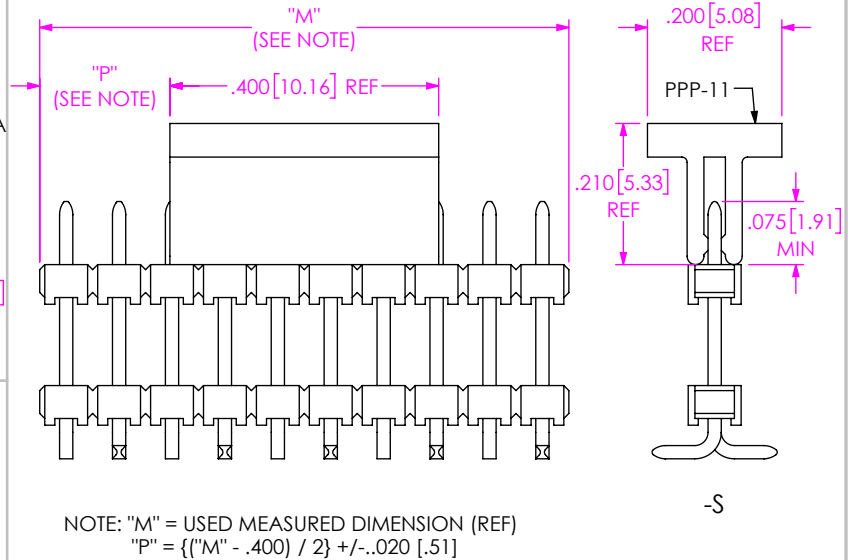
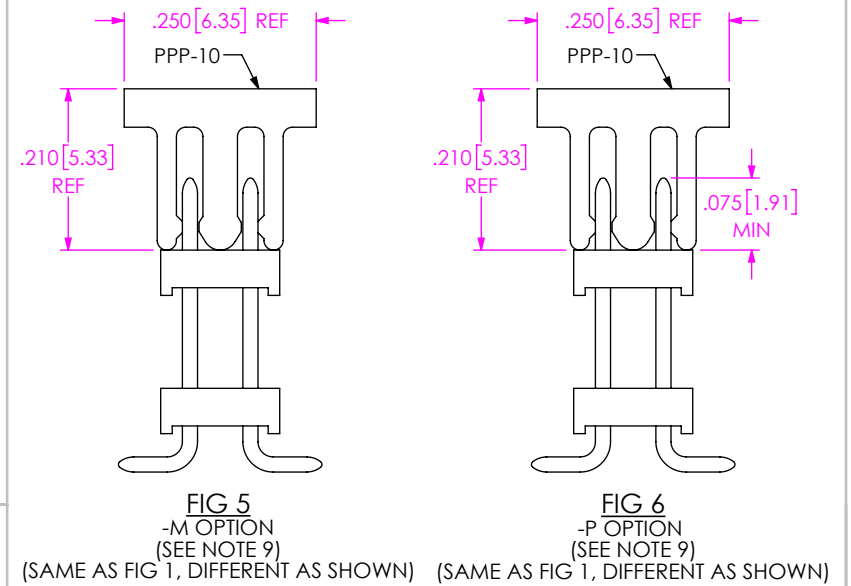
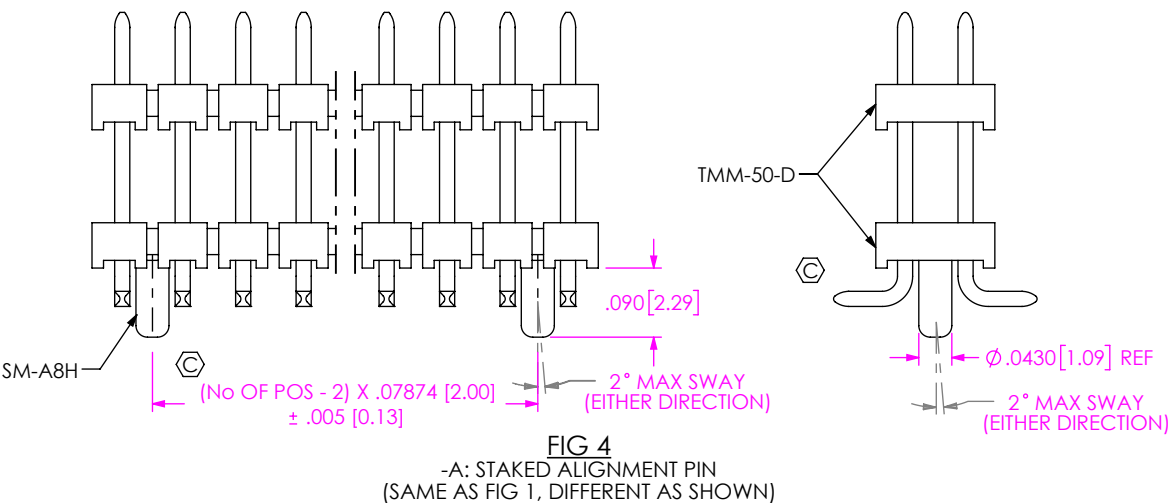
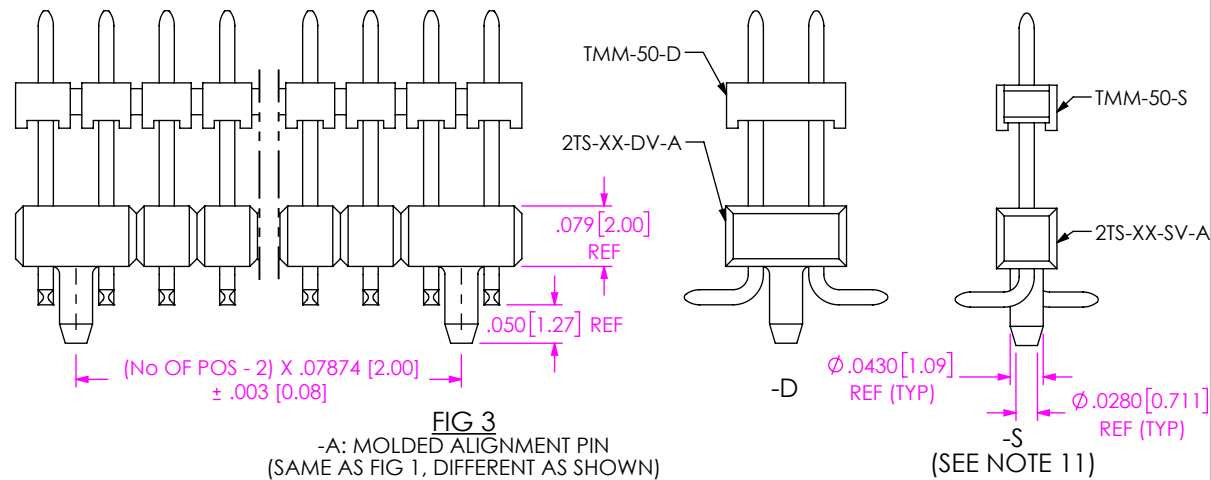
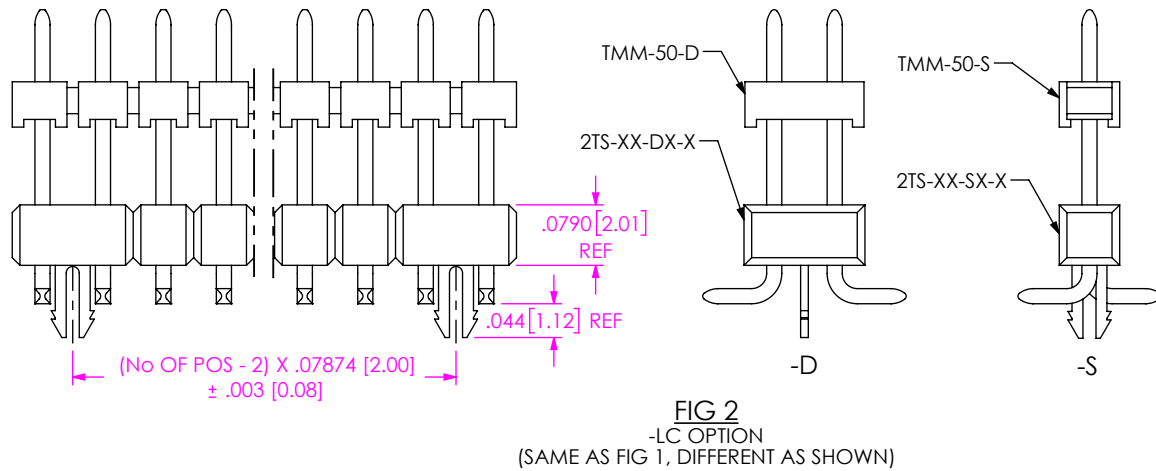
DWG. NO.

TW-XX-XX-XXX-X-XXX-SM-XXX-XX-X-XX

BY: BRYANT

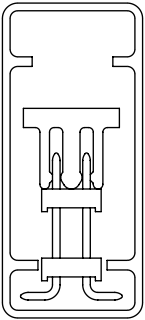
03/8/1993

SHEET 1 OF 4

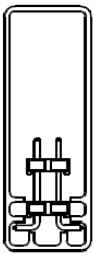


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DO NOT SCALE DRAWING SHEET SCALE: 4:1	DESCRIPTION: HIGH TEMP 2MM SMT BOARD STACKING TERMINAL STRIP ASM DWG. NO. TW-XX-XX-XXX-X-XXX-SM-XXX-XX-X-XX BY: BRYANT 03/8/1993 SHEET 2 OF 4

FIG 7
PACKAGING VIEW

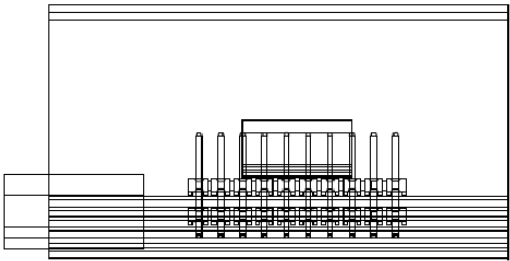
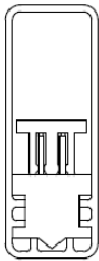
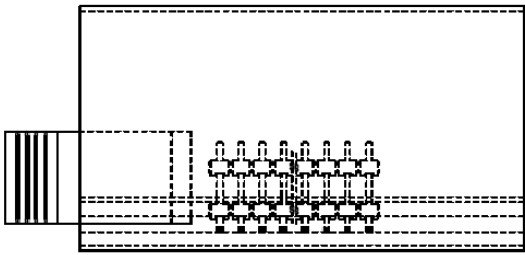


PT-1-24-16-29
TP-38



PT-TW001-D-SM
TP-38

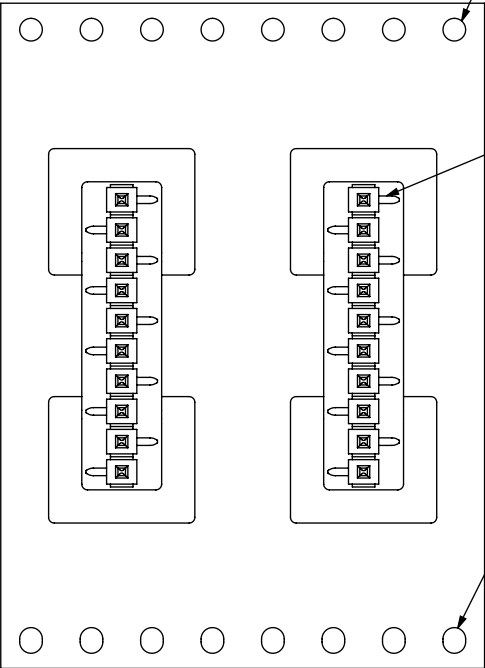
ORIENT PLUG SQUARE AT BOTTOM OF TUBE,
PINS CAN NOT CONTACT THE PLUG



PT-TW001-D-SM
TP-57

ORIENT PLUG SQUARE AT BOTTOM OF TUBE,
PINS CAN NOT CONTACT THE PLUG

-TR VIEW FOR -S (SINGLE ROW)



ROUND HOLES

POSITION #1

OBLONG HOLES

USER DIRECTION OF UN-REELING —>
POCKET NOT DETAILED

TABLE 2 (SEE NOTE 6)			
LEAD STYLE	OPTIONS	TUBE	PLUG
-02, -04, -07, -09	-D, -D-LC, -D-A	PT-TW001-D-SM	TP-38
-03	-D, -D-LC, -D-A	PT-TW001-D-SM	TP-38
ALL	-S, -S-LC, -S-A	PT-TW002-S-SM	TP-33
-02, -09	-D,-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-38
-03, -04	-D,-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-38
-07	-D,-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-38
-02, -09	-S-LC-P, *-S-A-P	PT-TW002-S-SM	TP-33
-03, -04	-S-LC-P, *-S-A-P, -S-P	PT-TW002-S-SM	TP-33
-07	-S-LC-P, *-S-A-P, -S-P	PT-TW002-S-SM	TP-33
-06	-D-LC	PT-TW001-D-SM	TP-57
-06	NONE, -A, -D	PT-TW001-D-SM	TP-57
-06	-D,-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M	PT-TW001-D-SM	TP-57
-06	-S-LC-P, -S-A-P, -S-P	PT-TW002-S-SM	TP-33
-06	-D-M	PT-1-24-16-29	TP-38

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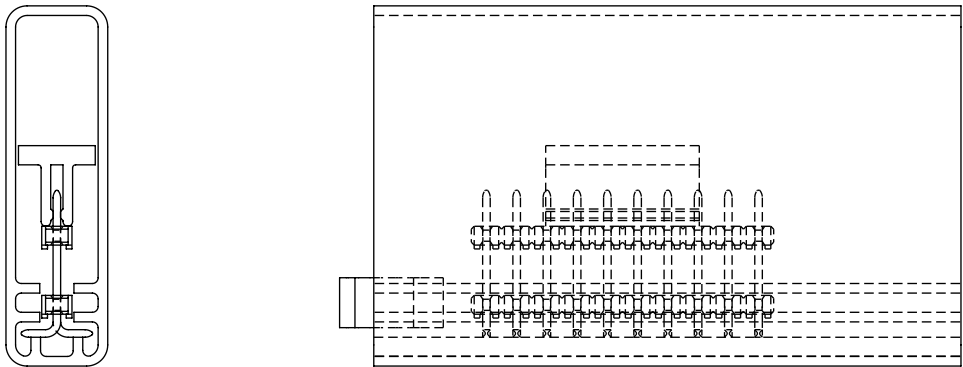
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e-Mail info@SAMTEC.com code 55322

DESCRIPTION: HIGH TEMP 2MM SMT BOARD
STACKING TERMINAL STRIP ASM

DWG. NO.
TW-XX-XX-XXX-X-XXX-SM-XXX-XX-X-XX

BY: BRYANT 03/8/1993 SHEET 3 OF 4

FIG 8
PACKAGING VIEW



PT-TW002-S-SM
TP-33
(SEE TABLE 2, SHT 3)
ORIENT PLUG SQUARE AT BOTTOM OF TUBE,
PINS CAN NOT CONTACT THE PLUG

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		DWG. NO. TW-XX-XX-XXX-X-XXX-SM-XXX-XX-X-XX	
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