

DO NOT SCALE
FROM THIS PRINT

TABLE 1

LEAD STYLE	TERMINAL	MAX "A" ("B" IS .000 [.00] MIN)	"C" OVERALL PIN LENGTH
-02	T-1S13-02-XXX-2	.309 [7.85]	.377 [9.6]
-03	T-1S13-03-XXX-2	.467 [11.86]	.535 [13.6]
-04	T-1S13-06-XXX-2	.487 [12.37]	.555 [14.1]
-06	T-1S13-10-XXX-2	.605 [15.37]	.673 [17.1]
-07	T-1S13-11-XXX-2	.683 [17.35]	.751 [19.1]
-09	T-1S13-13-XXX-2	.388 [9.86]	.456 [11.6]

NOTES:

1. MAX. PIN ROTATION IN BODY: 2°
2. PUSHOUT FORCE SHALL BE 1 lb MIN.
3. (C) REPRESENTS A CRITICAL DIMENSION
4. ALL DIMENSIONS IN BRACKETS [] TO BE MILLIMETERS.
5. HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010 MAX
6. TUBE POSITIONS -04 THROUGH -36 ONLY; LAYER PACKAGE -02 & -03. TUBE PLUG MUST BE ALIGNED WITH INSULATOR. (SEE DETAIL ON PAGE 2)
7. MOLDED OR STAKED ALIGNMENT PIN AT SAMTEC'S DISCRETION.
8. SPACE OPTION FROM .170 TO .209 REQUIRES AN ADDITIONAL REPRESS.
9. MUST USE CARBIDE BLADES.
10. -M OPTION AVAILABLE ON -D ROW ONLY. -P OPTION AVAILABLE ON POSITIONS 4-36 ONLY. -P OPTION AVAILABLE ON 4-36 POSITION ONLY.

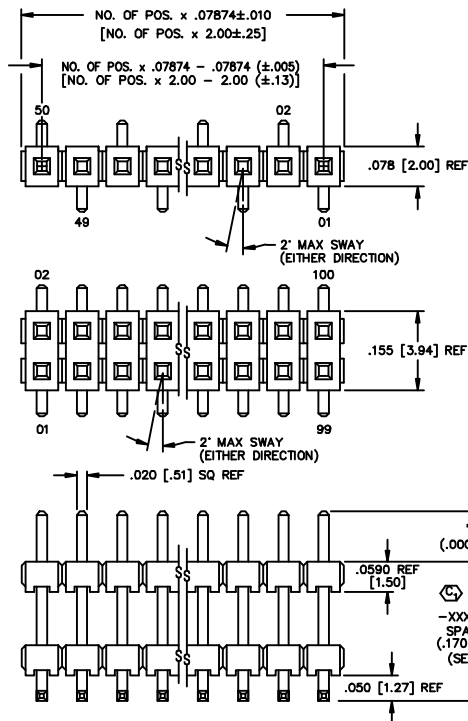
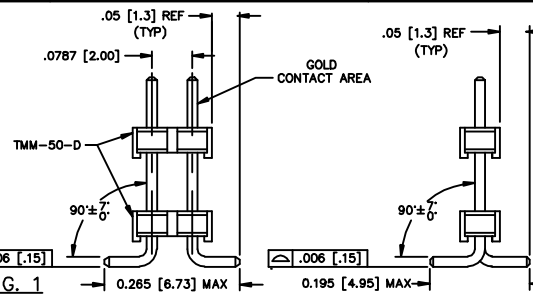


TABLE 2 (SEE NOTE 6)

LEAD STYLE	OPTIONS	TUBE	PLUGS
-02, -04, -07, -09	-D, -D-LG, -D-A	PT-TW001-D-SM	TP-03
-03	-D, -D-LG, -D-A	PT-TW001-D-SM	TP-03
ALL	-S, -S-LG, -S-A	PT-TW002-S-SM	TP-03
-02, -09	-D-A-P, -D-LG-P, -D-P, -D-LG-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-03
-03, -04	-D-A-P, -D-LG-P, -D-P, -D-LG-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-03
-07	-D-A-P, -D-LG-P, -D-P, -D-LG-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-03
-02, -09	-S-LG-P, -S-A-P	PT-TW002-S-SM	TP-03
-03, -04	-S-LG-P, -S-A-P, -S-P	PT-TW002-S-SM	TP-03
-07	-S-LG-P, -S-A-P, -S-P	PT-TW002-S-SM	TP-03
-06	-D-LG	PT-TW001-D-SM	TP-03
-06	NONE, -A, -D	PT-TW001-D-SM	TP-03
-06	-D-A-P, -D-LG-P, -D-P, -D-LG-M, -D-A-M, -D-M	PT-TW001-D-SM	TP-03
-06	-S-LG-P, -S-A-P, -S-P	PT-TW002-S-SM	TP-03



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UNLESS OTHERWISE NOTED	TOLERANCES AND:	ANGLES	TITLE: HIGH TEMP 2MM SMT BOARD STACKING TERMINAL STRIP ASM	DWG NO: TW-XX-XX-XXX-X-XXX-SM-XXX-XX
DIMENSIONS ARE IN INCHES	ONE PLACE DECIMALS ± .1 [2.5mm] THREE PLACE DECIMALS ± .005 [0.13mm] TWO PLACE DECIMALS ± .01 [0.25mm] FOUR PLACE DECIMALS ± .0020 [0.05mm]	± 2°		

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

No. OF POSITIONS
EXPRESSED IN # OF POS
(-02 THRU -36)
"XX" = No OF POS x .07874 [2.00]

LEAD STYLE
(SEE TABLE 1)

PLATING

- G: GOLD (USE T-1S13-XX-G-2)
- T: TIN (USE T-1S13-XX-T-2)
- S: SELECTIVE (USE T-1S13-XX-S-2)
- E: EXTRA HEAVY GOLD (USE T-1S13-XX-E-2)
- L: LIGHT GOLD (USE T-1S13-XX-L-2)
- F: FLASH SELECTIVE GOLD (USE T-1S13-XX-F-2)
- P: GOLD FLASHED PALLADIUM NICKEL (USE T-1S13-XX-P-2)
- TL: TIN/LEAD (USE T-1S13-XX-TL-2)
- STL: SELECTIVE TIN/LEAD (USE T-1S13-XX-STL-2)
- LTL: LIGHT SELECTIVE TIN/LEAD (USE T-1S13-XX-LTL-2)
- H: HEAVY GOLD (USE T-1S13-XX-H-2)
- SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-S-2)
- TM: MATTE TIN (USE T-1S13-XX-T-2)
- LM: LIGHT GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-L-2)
- FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-F-2)

ROW OPTION

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

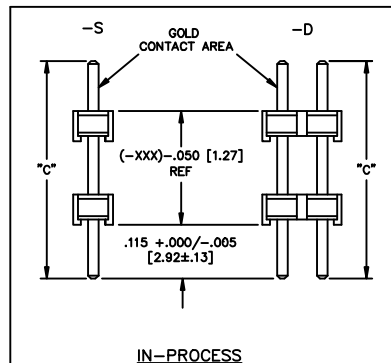
SURFACE MOUNT

SPACE OPTION

(SEE NOTE 8)

XXX="A" (SEE TABLE 1, .170 [4.32] MIN)

PATENT NUMBERS
5713755 / 5961339



MATERIAL:
INSULATOR:
LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE

samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY:
BRYANT 3-8-93

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

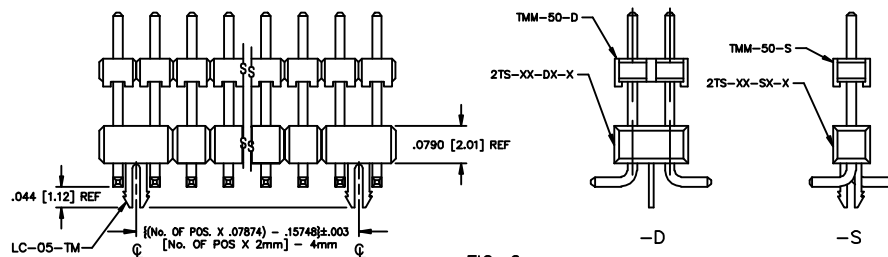


FIG. 2
(-LC OPTION)
SAME AS FIG 1 EXCEPT WHERE NOTED.

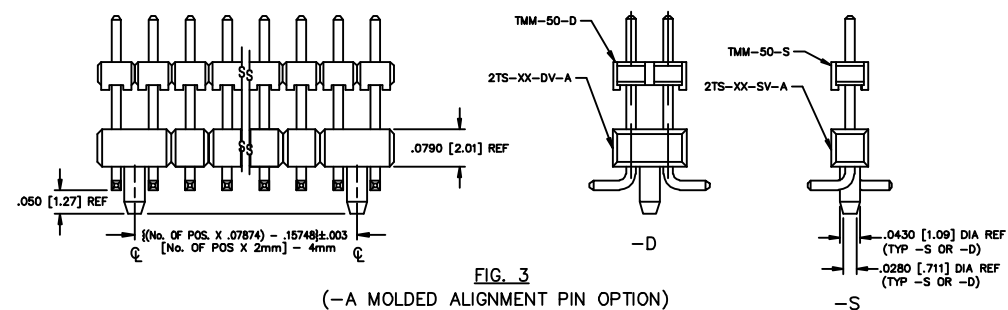


FIG. 3
(-A MOLDED ALIGNMENT PIN OPTION)
SAME AS FIG 1 EXCEPT WHERE NOTED.

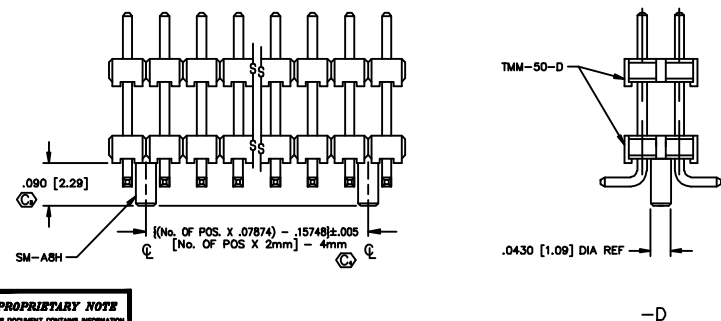
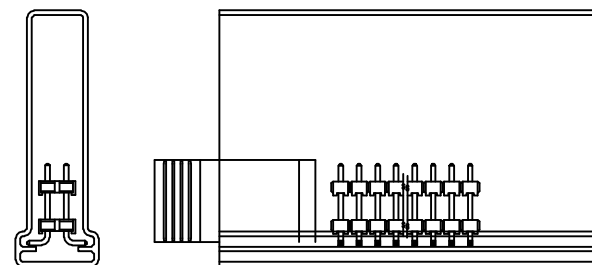


FIG. 4
(-A STAKED ALIGNMENT PIN OPTION)
SAME AS FIG 1 EXCEPT WHERE NOTED.



PAGING VIEW
SCALE: .5X
PT-1-24-02-47
TP-03
ORIENT PLUG SQUARE AT BOTTOM OF TUBE,
PINS CANNOT CONTACT THE PLUG.

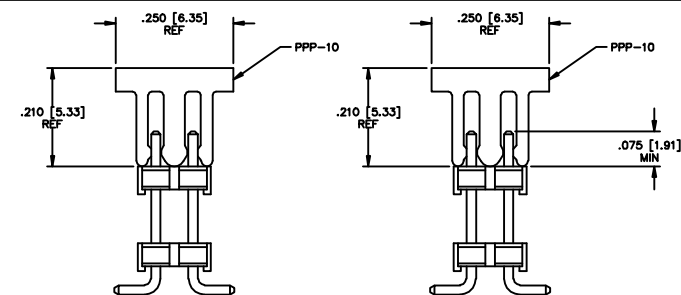
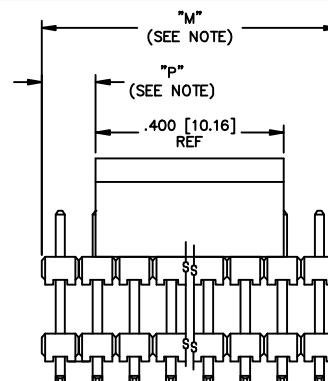
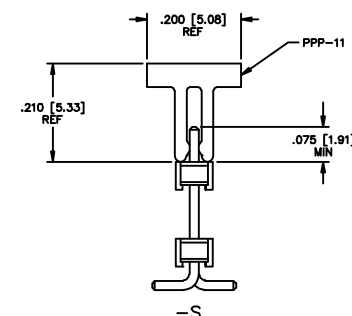


FIG. 5
(-M OPTION)
(SEE NOTE 10)

FIG. 6
(-P OPTION)
(SEE NOTE 10)



NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = {("M" - .400) / 2} ± .020 [.51]
-APPLIES TO BOTH SINGLE & DOUBLE-



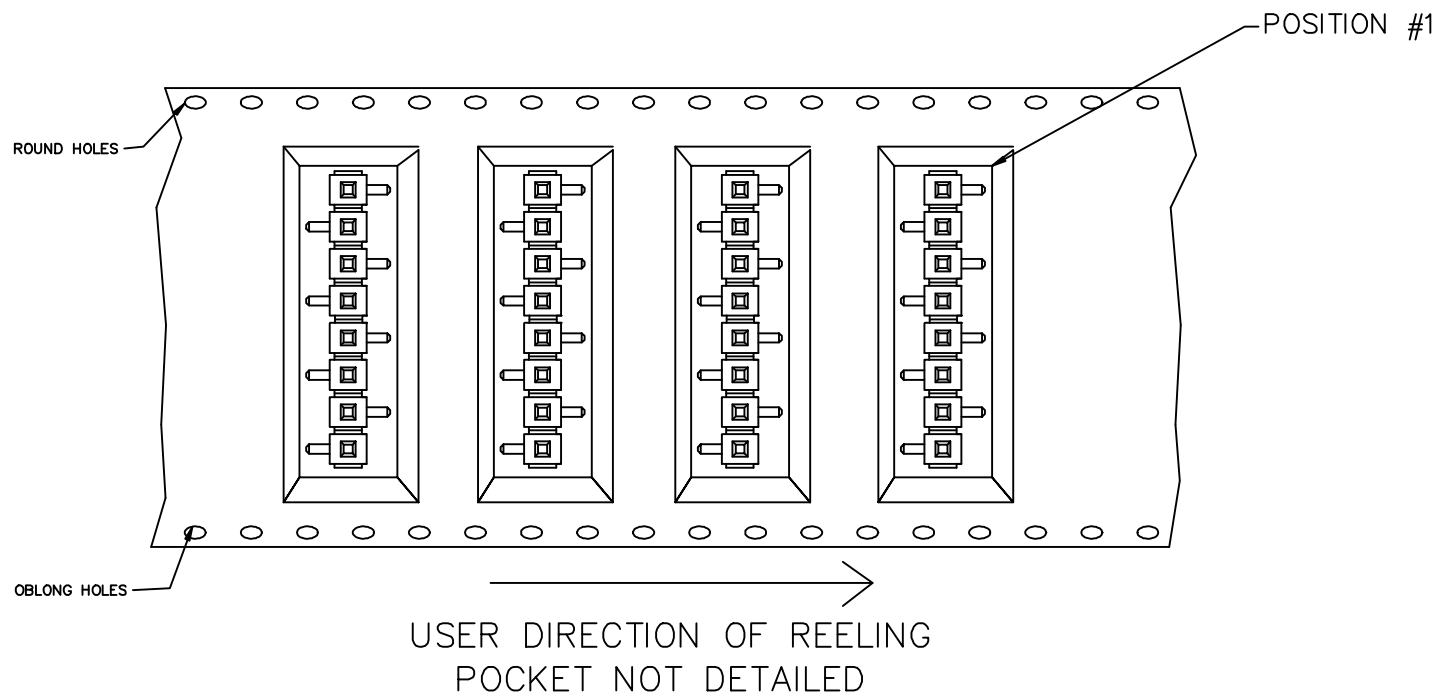
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520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

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-TR VIEW FOR -S (SINGLE ROW)



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PHONE (812) 944-6733 P.O. BOX 1147
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