

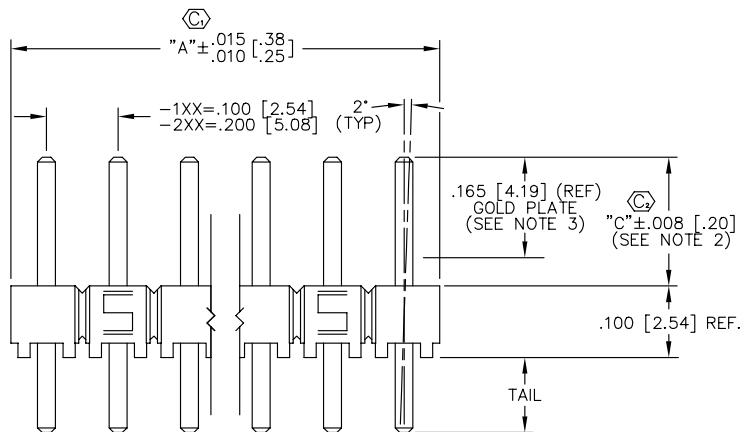
REVISION AY
DO NOT SCALE FROM THIS PRINT

TERMINAL SPEC.	PIN #1	PIN #2	PIN #3
-05	T-1S6-21-X-2	N/A	N/A
-06	T-1S6-18-X-2	N/A	N/A
-07	T-1S6-07-X-2	T-1S6-15-X-2	T-1S6-10-X-2
-08	T-1S6-08-X-2	T-1S6-09-X-2	T-1S6-11-X-2
-09	T-1S6-09-X-2	T-1S6-11-X-2	T-1S6-20-X-2
-10	T-1S6-10-X-2	T-1S6-12-X-2	T-1S6-13-X-2
-11	T-1S6-11-X-2	T-1S6-20-X-2	T-1S6-19-X-2
-12	T-1S6-12-X-2	T-1S6-13-X-2	T-1S6-14-X-2
-13	T-1S6-13-X-2	T-1S6-14-X-2	N/A
-21	T-1S6-14-X-2	N/A	N/A
-22	T-1S6-15-X-2	T-1S6-10-X-2	T-1S6-12-X-2
-23	T-1S6-16-X-2	N/A	N/A
-24	T-1S6-17-X-2	N/A	N/A
-27	T-1S6-19-X-2	N/A	N/A
-28	T-1S6-20-X-2	T-1S6-19-X-2	N/A

LEAD STYLE	C MAXIMUM STRAIGHT	C MAXIMUM W/RA	C MAXIMUM W/RE
-05	.235 [5.97]	N/A	N/A
-06	.200 [5.08]	N/A	N/A
-07	.330 [8.38]	.130 [3.30]	N/A
-08	.430 [10.92]	.230 [5.84]	.130 [3.30]
-09	.630 [16.00]	.430 [10.92]	.330 [8.38]
-10	.730 [18.54]	.530 [13.46]	.430 [10.92]
-11	.830 [21.08]	.630 [16.00]	.530 [13.46]
-12	.930 [23.62]	.730 [18.54]	.630 [16.00]
-13	1.130 [28.70]	.930 [23.62]	.830 [21.08]
-21	1.330 [33.78]	1.130 [28.70]	1.030 [26.16]
-22	.530 [13.46]	.330 [8.38]	.230 [5.84]
-23	.345 [8.76]	.145 [3.68]	N/A
-24	.380 [9.65]	.180 [4.57]	N/A
-27	1.230 [31.24]	1.030 [26.16]	.930 [23.62]
-28	1.030 [26.16]	.830 [21.08]	.730 [18.54]

- NOTES:
 1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
 2. HEIGHT VARIATION BETWEEN ANY TWO ROWS SHALL BE .005 [.13] MAX (R.A. TAIL N/A).
 3. ASSEMBLE GOLD PLATE END AS SHOWN.
 4. NOTE DELETED
 5. (C) REPRESENTS CRITICAL DIMENSION.
 6. TOW & SWAY SPEC. OF 2' APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.
 7. -STL PLATING AVAILABLE IN LEAD STYLES -07, -08, -10, 16, 17 & 21. STRAIGHT THROUGH HOLE ONLY.
 8. ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIERS MARKS IN THE POST AREA. (SEE TABLE 6)
 9. NOTE DELETED
 10. MAXIMUM CUT FLASH: .010 [.25].

ASSEMBLY INSTRUCTIONS



BODY SPECIFICATION		TABLE 3	
ROW/OPTION	USE BODY	-XX	"B"
-S/-S-NA/-S-NE	TSW-50-S	-RA	.060 [1.52]
-S-RA/-S-RE	TSW-50-S-RA	-RE	.160 [4.06]
-D/-D-NA/-D-NE	RTSW-50-D *		
-D-RA	TSW-50-D-RA		
-T/-T-NA/-T-NE	TSW-50-T		
-T-RA	TSW-50-T-RA		
-Q	TSW-50-T		

* RTSW FOR HAND FILL. TSW FOR MACHINE FILL.
TSW AND RTSW ARE INTERCHANGEABLE.

LENGTH	"L"
-07	.430 [10.92]
-08	.530 [13.46]
-09	.730 [18.54]
-10	.830 [21.08]
-11	.930 [23.62]
-12	1.030 [26.16]
-13	1.230 [31.24]
-14	1.430 [36.32]
-15	.630 [16.00]
-16	.445 [11.30]
-17	.480 [12.19]
-18	.300 [7.62]
-19	1.330 [33.78]
-20	1.130 [28.70]
-21	.335 [8.51]

* REF FOR PIN LENGTH

UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DIMENSIONS ARE IN INCHES
 ONE PLACE DECIMALS ±.1 [.3] THREE PLACE DECIMALS ±.005 [.13] ANGLES ± 2°
 TWO PLACE DECIMALS ±.01 [.3] FOUR PLACE DECIMALS ±.0020 [.051]

TITLE: ASSEMBLY, .025 [.64] SQ. POST TERMINAL STRIP
 DWG NO: MTSW-XXX-XX-X-X-XXXX-XX-XXX
 SHEET 1 OF 3

OPTION #2
-POLARIZATION SPEC.
XXX INDICATES POS. TO BE OMITTED (SEE FIG. 2)

OPTION #1
-BLANK= STRAIGHT
-RA= RIGHT ANGLE (SEE TABLE 3 & FIG. 3)(-05 N/A)
-RE= EXTENDED RIGHT ANGLE (SEE TABLE 3 & FIG.3) (SINGLE ROW ONLY)(-05,-07,-23,-24 N/A)
-NA= RA OPTION WITH STRAIGHT OPTION BODY
-NE= RE OPTION WITH STRAIGHT OPTION BODY
-LL= LOCKING LEAD (SEE FIG 1) (N/A WITH -RE OPTION OR SINGLE ROW 1 OR 2 POSITION)
-LA= -RA OPTION WITH -LL OPTION (SEE FIG 2 & 3) (N/A IN SINGLE ROW, 1 & 2 POSITIONS) (N/A WITH SINGLE ROW 1 OR 2 POSITION)
TAILS FROM .090 [2.29] TO .400 [10.16] ONLY
POST = .530 [13.46] MAX.

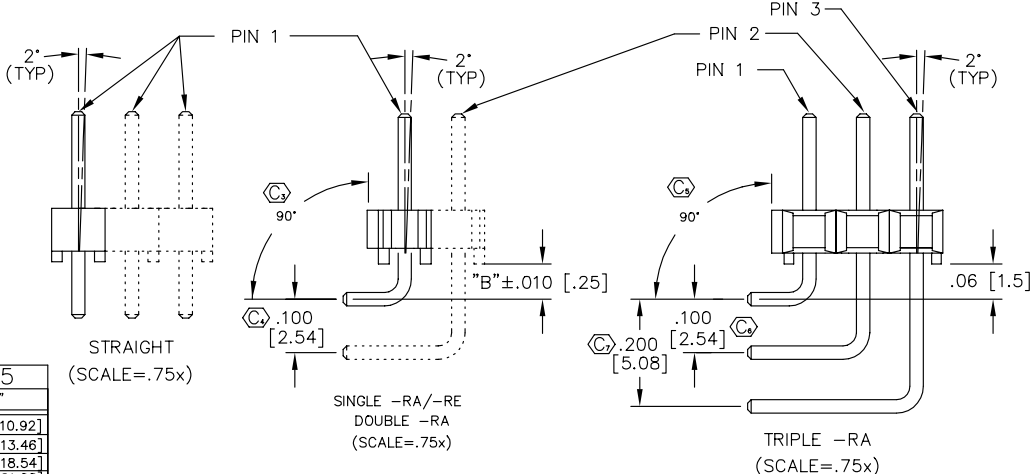
POST HEIGHT
XXXX = "C" (SEE TABLE 4)

ROW SPECIFICATION (SEE TABLE #2)
-S: SINGLE
-D: DOUBLE
-T: TRIPLE
-Q: TRIPLE ROW (FILL OUTER ROWS ONLY)

TERMINAL SPACE SPEC. (SEE ASSEMBLY INSTR.)
 -1= .100 [2.54] (FILL EVERY POS.)
 -2= .200 [5.08] (FILL E/O POS. STARTING W/ 1st & ENDING W/ LAST POS. IN BODY)

BODY LENGTH SPEC. EXPRESSED IN # OF POS.
 -1: .01 THRU -.50 (-S,-D,-T)
 -2: .02 THRU -.25 (-S,-D,-T)
 "A"= (NO OF POS. x .200)-.100 [2.54] [5.08]

PLATING SPECIFICATIONS
 -G: GOLD
 -T: TIN
 -S: SELECTIVE HEAVY GOLD
 -H: HEAVY GOLD
 -P: GOLD FLASHED PALLADIUM NICKEL (NOT AVAILABLE FOR -05 & -06 LEAD STYLES)
 -L: SELECTIVE LIGHT GOLD
 -F: FLASH SELECTIVE GOLD
 -STL: SELECTIVE TIN-LEAD (SEE NOTE 7)
 -TM: MATTE TIN
 -SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL
 -FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL



MATERIAL:
 BODIES:
GLASS FILLED POLYESTER
COLOR:BLACK
 TERMINALS:
PHOSPHER BRONZE

EXISTPROD\ASSEMBLY\100 MTSW-ASM

samtec

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

MADE BY: PURVIS 2-17-87
 MTSW-XXX-XX-X-X-XXXX-XX-XXX
 SHEET 1 OF 3

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