

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	MAXIMUM STRAIGHT	MAXIMUM W/RA	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]

1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
2. HEIGHT VARIATION BETWEEN ANY TWO ROWS SHALL BE .005[0.13] 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 BANDOLIER MARKS IN THE POST AREA. (SEE TABLE 6)
9. NOTE DELETED.
10. MAXIMUM CUT FLASH: .020[0.51]
11. TABLE 5 IS A REFERENCE FOR INDIVIDUAL PIN LENGTHS AS LISTED ON THE T-1S6 COMPONENT PRINT AND NOT THE TERMINAL SPEC IN TABLE 1 OR IN THE PART CALLOUT.
12. MUST USE T-30193-13 (2 1/2" BLADES) TO CUT -T AND -Q PARTS.

UNLESS OTHERWISE NOTED TOLERANCES ARE:

ONE PLACE DECIMALS ±.1 [3] THREE PLACE DECIMALS ±.005 [.13]
TWO PLACE DECIMALS ±.01 [3] FOUR PLACE DECIMALS ±.0020 [.051]

ANGLES ± 2°

TITLE: ASSEMBLY, .025 [.64] SQ. POST TERMINAL STRIP

DWG NO: MTSW-XXX-XX-X-X-XXXX-XX-XXX

SHEET 1 OF 3

MTSW-XXX-XX-X-X-XXXX-XX-XXX

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)
"A"= NO. OF POS. x .100 [2.54]
-2: 02 THRU -25 (-S,-D,-T)
"A"= (NO OF POS. x .200) -100 [2.54] [5.08]

TERMINAL SPECIFICATION SEE TABLE 1

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

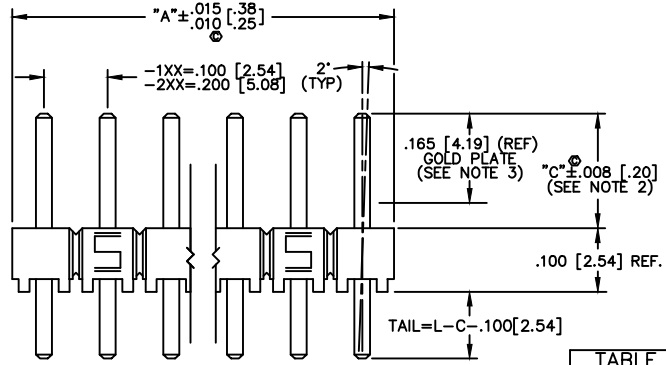
OPTION #1
-BLANK= STRAIGHT
-RA= RIGHT ANGLE (SEE TABLE 3 & FIG. 3)(-05 N/A)
-RE= EXTENDED RIGHT ANGLE (SEE TABLE 3 & FIG. 3) (SINGLE ROW ONLY)(-05,-07,-23,-24 N/A)
-NA= RA OPTION WITH STRAIGHT OPTION BODY
-NE= RE OPTION WITH STRAIGHT OPTION BODY
-LL= LOCKING LEAD (SEE FIG 1) (N/A WITH -RE OPTION OR SINGLE ROW 1 OR 2 POSITION)
-LA= -RA OPTION WITH -LL OPTION (SEE FIG 2 & 3) (N/A WITH SINGLE ROW 1 OR 2 POSITION) (TAILS FROM .090 [2.29] TO .310 [7.87] 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)

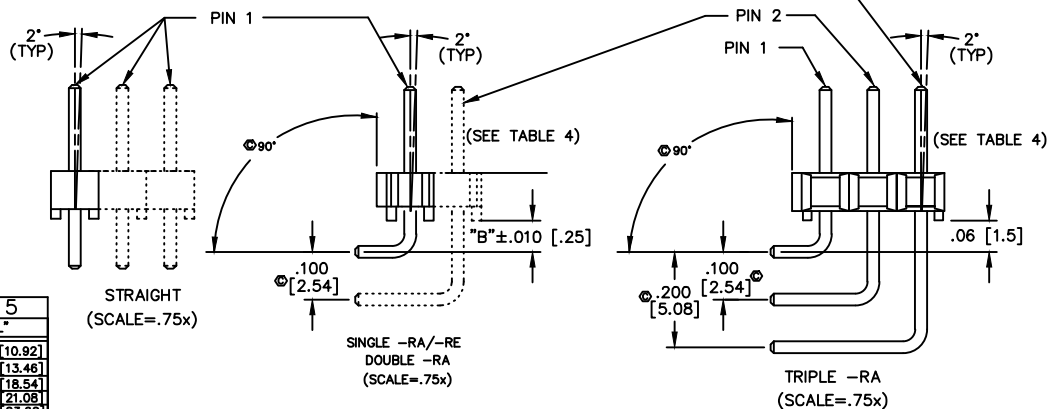
- PLATING SPECIFICATIONS
- G: 10µ" GOLD CONTACT, 3µ" GOLD TAIL
 - T: MATTE TIN CONTACT AND TAIL
 - S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 - L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 - E: 50µ" HEAVY GOLD ON CONTACT AREA, 3µ" GOLD ON TAIL
 - H: 30µ" HEAVY GOLD CONTACT, 3µ" GOLD ON TAIL
 - F: 3µ" FLASH SELECTIVE GOLD, MATTE TIN TAIL
 - STL: 30µ" GOLD SELECTIVE ON CONTACT TIN/LEAD (90/10+/-5%) TAIL
 - TM: MATTE TIN CONTACT AND TAIL
 - SM: 30µ" SELECTIVE GOLD CONTACT MATTE TIN TAIL
 - LM: 10µ" LIGHT SELECTIVE GOLD MATTE TIN TAIL
 - FM: 3µ" GOLD FLASH SELECTIVE ON CONTACT MATTE TIN TAIL

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		

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]



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC INC.

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

SEE NOTE 11
* REF FOR PIN LENGTH, SHT 1

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

EXISPROD 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