

REVISION BI

DO NOT SCALE
FROM THIS PRINT

TABLE 1

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

TABLE 4			
FOR -RX OPTION: TAIL = L-C-B-.15 REF FOR -NX OPTION: TAIL = L-C-B-.13 REF (CALCULATIONS APPLY TO FIRST ROW PIN LENGTHS ONLY)			
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.

ASSEMBLY INSTRUCTIONS

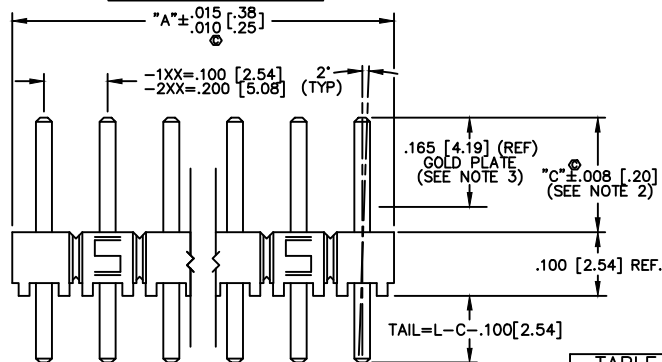


TABLE 2		TABLE 3	
BODY SPECIFICATION		-XX	"B"
ROW/OPTION	USE BODY		
-S/-S-NA/-S-NE	TSW-50-S	-RA	.060 [1.52]
-S-RA/-S-RE	TSW-50-S-RA	-RE	.160 [4.06]
-D/-D-NA/-D-NE	RTSW-50-D *		
-D-RA	TSW-50-D-RA		
-T/-T-NA/-T-NE	TSW-50-T		
-T-RA	TSW-50-T-RA		
-Q	TSW-50-T		

* 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]

SEE NOTE 11

* REF FOR PIN LENGTH, SHT 1

DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		TITLE: ASSEMBLY,		DWG NO:	
ONE PLACE DECIMALS ±.1 [3]		THREE PLACE DECIMALS ±.005 [1.3]		.025 [.64] SQ. POST		MTSW-XXX-XX-X-X-XXXX-XX-XXX	
TWO PLACE DECIMALS ±.01 [-3]		FOUR PLACE DECIMALS ±.0020 [0.051]		TERMINAL STRIP		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]

TERMINAL SPECIFICATION
SEE TABLE 1

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)
- (TAILS FROM .090 [2.29] TO .400 [10.16] ONLY)
- 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.

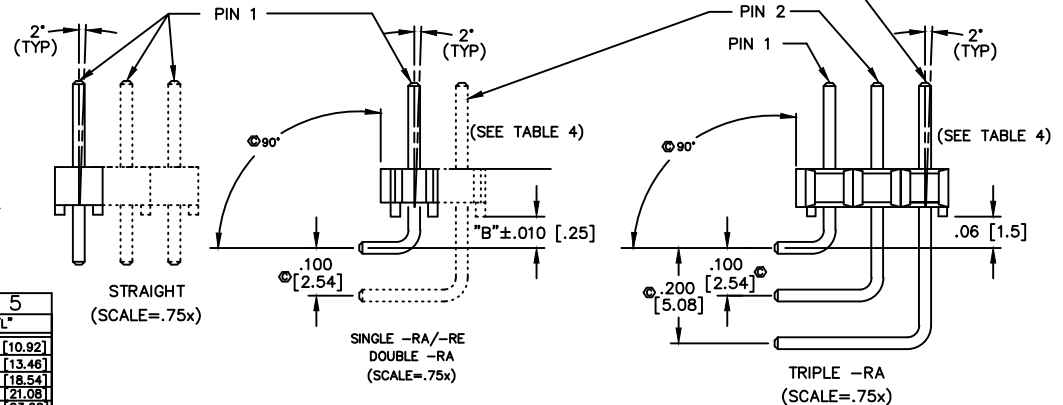
POST HEIGHT
XXXX = "C" (SEE TABLE 4)

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



MATERIAL:

BODIES:
GLASS FILLED POLYESTER
COLOR: BLACKTERMINALS:
PHOSPHOR BRONZE

EXISPROD\ASSEMBLY\100
MTSW-ASM

santec

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

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SANTEC 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
WRITTEN CONSENT OF SANTEC INC.