

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

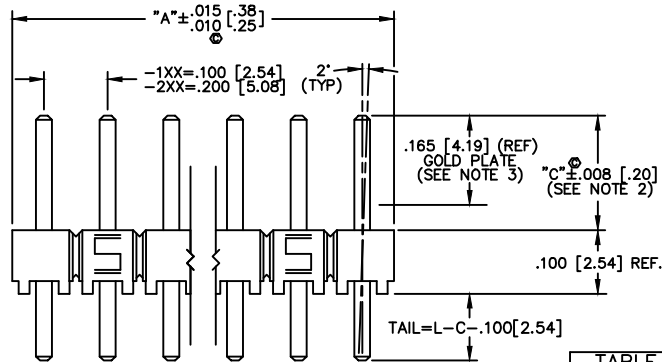


TABLE 2		TABLE 3	
BODY SPECIFICATION		-XX	"B"
ROW/OPTION	USE BODY		
-S/-S-NA/-S-NE	TSW-50-S	-RA	.060 [1.52]
-S-RA/-S-RE	TSW-50-S-RA	-RE	.160 [4.06]
-D/-D-NA/-D-NE	RTSW-50-D *		
-D-RA	TSW-50-D-RA		
-T/-T-NA/-T-NE	TSW-50-T		
-T-RA	TSW-50-T-RA		
-Q	TSW-50-T		

* 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:		ANGLES		TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1 [3]		THREE PLACE DECIMALS ±.005 [13]		± 2°		ASSEMBLY, .025 [.64] SQ. POST TERMINAL STRIP	MTSW-XXX-XX-X-X-XXXX-XX-XXX
TWO PLACE DECIMALS ±.01 [3]		FOUR PLACE DECIMALS ±.0020 [51]					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)
(N/A IN SINGLE ROW, 1 & 2 POSITIONS)
- 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.

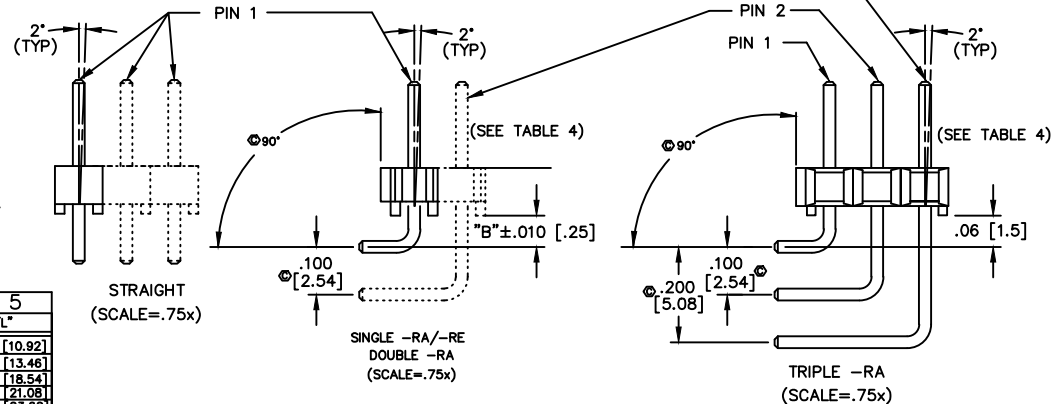
POST HEIGHT
XXXX = "C" (SEE TABLE 4)

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: BLACK

TERMINALS:
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

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