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[MTSW-110-10-T-S-270-RA](#)

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REVISION BI
 DO NOT SCALE FROM THIS PRINT
 TITLE: ASSEMBLY, .025 [.64] SQ. POST TERMINAL STRIP
 DWG NO: MTSW-XXX-XX-X-XXXX-XX-XXX
 SHEET 1 OF 3

TABLE 1
 TERMINAL SPECIFICATIONS

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]

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

MTSW-XXX-XX-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 1/2" & 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]

TERMINAL SPECIFICATION SEE TABLE 1

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

- TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
- HEIGHT VARIATION BETWEEN ANY TWO ROWS SHALL BE .005[0.13] MAX (R.A. TAIL N/A)
- ASSEMBLY GOLD PLATE END AS SHOWN.
- NOTE DELETED.
- (⊙) REPRESENTS CRITICAL DIMENSION.
- TOW & SWAY SPEC OF 2" APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.
- STL PLATING AVAILABLE IN LEAD STYLES -07, -08, -10, -16, -17, & -21.
- STRAIGHT THROUGH HOLE ONLY.
- ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIERS MARKS IN THE POST AREA. (SEE TABLE 6)
- NOTE DELETED.
- MAXIMUM GUT FLASH: .020[0.51]
- 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.
- JUST USE T-30193-13 (2 1/2" BLADES) TO CUT -T AND -Q PARTS.

ASSEMBLY INSTRUCTIONS

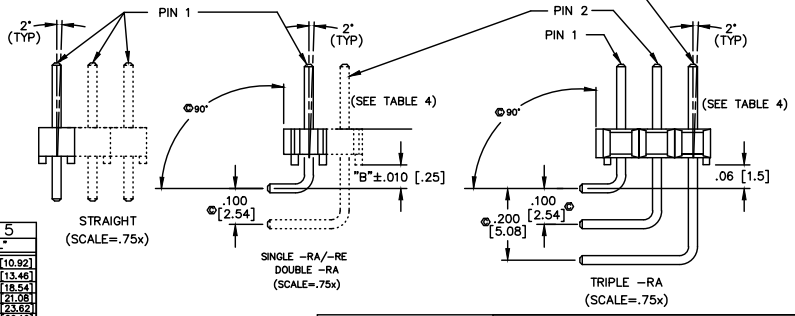
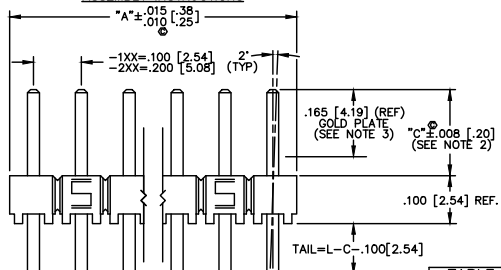


TABLE 2
 BODY SPECIFICATION

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		

TABLE 5
 LENGTH "L"

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

* RTSW FOR HAND FILL. TSW FOR MACHINE FILL.
 TSW AND RTSW ARE INTERCHANGEABLE.
 * REF FOR PIN LENGTH, SHT 1

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

ENDPROD/ASSEMBLY/100 MTSW-ASM

520 PARK EAST BLVD., NEW ALBANY, INDIANA 47150
 PHONE (812) 944-6733, P.O. BOX 1147
 CODE: 65322

MADE BY:
 PURVIS 2-17-87

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 SHEET 1 OF 3