

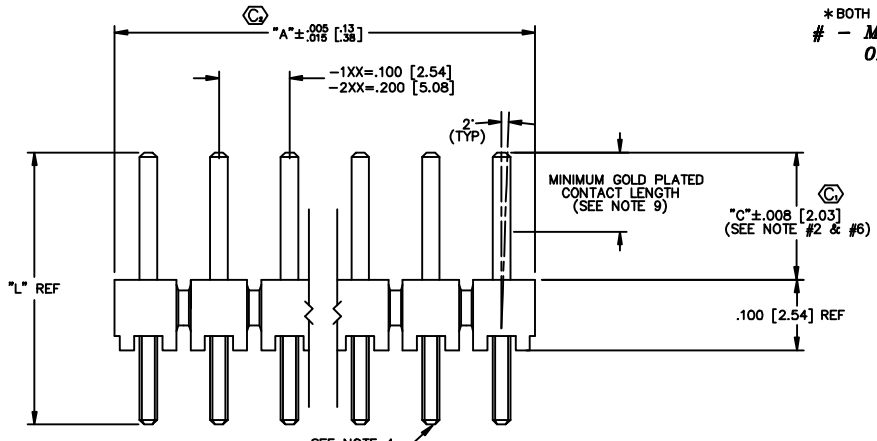
REVISION BU

DO NOT SCALE FROM THIS PRINT

TABLE 1  
TERMINAL SPECIFICATIONS

TERMINAL SPEC	PIN #1	"L"	PIN #2 (a)	PIN #3	"C"	
-05(a)	T-1S6-21-XX-2	.335 [8.51]	N/A	N/A	.105	2.67 (a)
-06(a)	T-1S6-18-XX-2	.300 [7.62]	N/A	N/A	.105	2.67 (a)
-07(a)	T-1S6-07-XX-2	.430 [10.92]	N/A	N/A	.230	5.84 (a)
-08(a)	T-1S6-08-XX-2	.530 [13.46]	T-1S6-09-XX-2	T-1S6-11-XX-2	.230	5.84 (a)(a)
-09	T-1S6-09-XX-2	.730 [18.54]	T-1S6-11-XX-2	T-1S6-20-XX-2	.230	5.84 (a)
-10	T-1S6-10-XX-2	.830 [21.08]	T-1S6-12-XX-2	T-1S6-13-XX-2	.230	5.84
-11	T-1S6-11-XX-2	.930 [23.62]	T-1S6-20-XX-2	T-1S6-19-XX-2	.230	5.84
-12	T-1S6-12-XX-2	1.030 [26.16]	T-1S6-13-XX-2	T-1S6-14-XX-2	.230	5.84
-13	T-1S6-13-XX-2	1.230 [31.24]	T-1S6-14-XX-2	N/A	.230	5.84
-14(a)	T-1S6-08-XX-2	.530 [13.46]	N/A	N/A	.320	8.13 (a)
-15(a)	T-1S6-09-XX-2	.730 [18.54]	N/A	N/A	.320	13.20 (a)
-16	T-1S6-09-XX-2	.730 [18.54]	T-1S6-11-XX-2	T-1S6-20-XX-2	.320	13.20 (a)(a)
-17(a)	T-1S6-10-XX-2	.830 [21.08]	N/A	N/A	.620	15.75 (a)
-18(a)	T-1S6-11-XX-2	.930 [23.62]	N/A	N/A	.720	18.29 (a)
-19(a)	T-1S6-12-XX-2	1.030 [26.16]	N/A	N/A	.820	20.83 (a)
-20(a)	T-1S6-13-XX-2	1.230 [31.24]	N/A	N/A	1.020	25.91 (a)
-21	T-1S6-14-XX-2	1.430 [36.62]	N/A	N/A	1.220	30.99 (a)
-21(a)	T-1S6-14-XX-2	1.430 [36.62]	N/A	N/A	.230	5.84 (a)(a)
-22	T-1S6-15-XX-2	.630 [16.00]	T-1S6-10-XX-2	T-1S6-12-XX-2	.230	5.84 (a)(a)
-23(a)	T-1S6-16-XX-2	.445 [11.30]	N/A	N/A	.230	5.84 (a)
-24(a)	T-1S6-17-XX-2	.480 [12.19]	N/A	N/A	.265	6.73 (a)
-25(a)	T-1S6-15-XX-2	.630 [16.00]	T-1S6-10-XX-2	T-1S6-12-XX-2	.320	8.13 (a)(a)
-26(a)	T-1RS7-01-XX-2	.456 [11.58]	N/A	N/A	.230	5.84
-27	T-1S6-19-XX-2	1.330 [33.78]	N/A	N/A	.230	5.84
-28	T-1S6-20-XX-2	1.130 [28.70]	T-1S6-19-XX-2	N/A	.230	5.84
-29(a)	T-1S6-19-XX-2	1.330 [33.78]	N/A	N/A	.320	8.13
-30(a)	T-1S6-20-XX-2	1.130 [28.70]	T-1S6-19-XX-2	N/A	.320	8.13
-41	T-1S6-25-XX-2	.365 [9.27]	N/A	N/A	.230	5.84
-42	T-1S6-26-XX-2	.470 [11.94]	N/A	N/A	.320	8.13

- (1) WITH -RA OR -RE OPTION (4) NOT AVAILABLE IN -RE OPTION.  
 (2) OMIT WITH -Q ROW SPECIFICATION (5) AVAILABLE IN -LL OPTION.  
 (3) NOT AVAILABLE IN -RA OR -RE OPTION. (6) AVAILABLE IN -LA OPTION.  
 (7) ON STYLE -08 -RA & -LA OPTIONS ONLY; 'C' = .230±.005 [5.84±.13]



- NOTES:  
 1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.  
 2. HEIGHT VARIATION BETWEEN A PIN AND ANY ADJACENT PIN SHALL BE .005 [.13] MAX (R.A. TAIL N/A).  
 3. ASSEMBLE GOLD PLATE END AS SHOWN.  
 4. TERMINAL SPEC. STYLE -28 (T-1RS7-01-X-2): ROUND END TO APPEAR ON BOTTOM.  
 5. NOTE DELETED.  
 6. (C) REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.  
 7. NOTE DELETED.  
 8. TOW & SWAY SPEC. OF 2" APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.  
 9. .165 [4.19] REF, EXCEPT PINS -18, -21 & 25 ARE .050 [1.27] REF.  
 10. CRIMP TWO PINS CLOSEST TO CENTER OF THE PART IF THERE IS A POLARIZED POSITION IN THE MIDDLE/CENTER.  
 11. NOTE DELETED.

UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 DIMENSIONS ARE IN INCHES ONE PLACE DECIMALS ± .1 [2.54] THREE PLACE DECIMALS ± .005 [.13] ANGLES ± 2'  
 TWO PLACE DECIMALS ± .01 [25] FOUR PLACE DECIMALS ± .0020 [.051]

TITLE: ASSEMBLY  
 .025 SQ. POST  
 HI-TEMP  
 TERMINAL STRIP

DWG NO:  
 HTSW-XXX-XX-XXX-X-XX-XX-XX  
 SHEET 1 OF 3

HTSW-XXX-XX-XXX-X-XX-XX-XX  
 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,-T-RA)  
 -01 THRU -50 (-S-RE,-S-RA,-D-RA)  
 \*A= NO. OF POS. x .100  
 -2- -02 THRU -25 (-S,-D,-T,-T-RA)  
 -02 THRU -25 (-S-RE,-S-RA,-D-RA)  
 \*A= (NO OF POS. x .200)-100

TERMINAL SPECIFICATION SEE TABLE 1

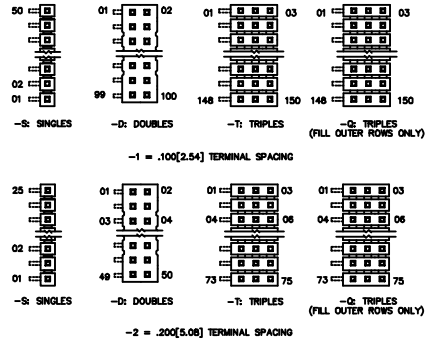
OPTION #1  
 # \*-MW: METAL WASHER (STRAIGHT TAIL OPTION ONLY) (AVAILABLE ON 05, 06, 07, 08, 17, 18, 22, 23, 24, 25, 41 & 42 LEAD STYLES ONLY) (2 POS. MIN, 30 POS. MAX)(SEE FIG. 3, SHT. 3)

OPTION #2  
 -POLARIZING SPECIFICATION XXX INDICATES POS. TO BE OMITTED (SEE FIG. 1) (WITH -LA & -LC OPTION SEE NOTE 10)

OPTION #3  
 -BLANK= STRAIGHT  
 -RA= RIGHT ANGLE (SEE TABLE 3, FIG. 3) (-S-RA & -D-RA AVAILABLE IN 36 POSITION MAX)  
 -RE= EXTENDED RIGHT ANGLE (SEE TABLE 3, FIG. 3) (SINGLE ROW ONLY, AVAILABLE IN 36 POSITION MAX.)  
 -NA= RA OPTION WITH STRAIGHT OPTION BODY  
 \*-NE= RE OPTION WITH STRAIGHT OPTION BODY  
 -LC= LOCKING CLIP (USE LTC-01 FOR SGL. ROW AND LTC-02 FOR DBL. ROW)(STYLES 08 THRU 13 & 22 ONLY)  
 -LA= -RA OPTION WITH -LL OPTION (SEE FIG. 2 & 3)  
 -LL= LOCKING LEAD (SEE FIG. 2) (N/A WITH -RE OPTION) (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)

- PLATING SPECIFICATIONS  
 -G: GOLD  
 -T: TIN  
 -S: SELECTIVE HEAVY GOLD  
 -H: HEAVY GOLD  
 -L: SELECTIVE LIGHT GOLD  
 -F: FLASH SELECTIVE GOLD  
 -P: GOLD FLASHED PALLADIUM NICKEL (N/A IN STYLES -05 & -06)  
 -E: EXTRA HEAVY GOLD (AVAILABLE IN STYLES -07, -08, -09 STRAIGHT) (-08 DOUBLE RIGHT ANGLE)  
 -TL: TIN/LEAD (AVAILABLE ONLY ON LEAD STYLES -07, -08 & -09)  
 -TM: MATTE TIN  
 -SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL  
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL  
 -FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL  
 -STL: HEAVY SELECTIVE GOLD, TIN / LEAD (93/7±5%)TAIL

\*BOTH THE -LC OPTION AND THE -MW OPTION MAY NOT BE ON THE SAME ASSEMBLY.  
 # - MW OPTION, DO NOT DESIGN IN. SAMTEC ONLY SUPPORT EXISTING BUSINESS 2/12/02.



POLARIZATION (STRAIGHT & RA VERSIONS) FIG. 1

TABLE 2  
BODY SPECIFICATION

ROW/OPTION	USE BODY
-S, -S-NA/-NE	HTSW-50-S-LCP
-S-RA/-S-RE	HTSW-50-SRA-LCP
-D, -D-NA/NE	HTSW-50-D-LCP
-D-RA	HTSW-50-DRA-LCP
-T, -T-NA/-NE	HTSW-50-T-LCP
-T-RA	HTSW-50-TRA-LCP
-Q	HTSW-50-T-LCP

MATERIAL:  
 BODIES: LIQUID CRYSTAL POLYMER COLOR: NATURAL  
 TERMINALS: PHOSPHER BRONZE

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
 PHONE (812) 944-8733 P.O. BOX 11447  
 CODE 55322

MATERIAL: samtec  
 MADE BY: PURVIS 2-17-87  
 HTSW-XXX-XX-XXX-X-XX-XX-XX  
 SHEET 1 OF 3

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