

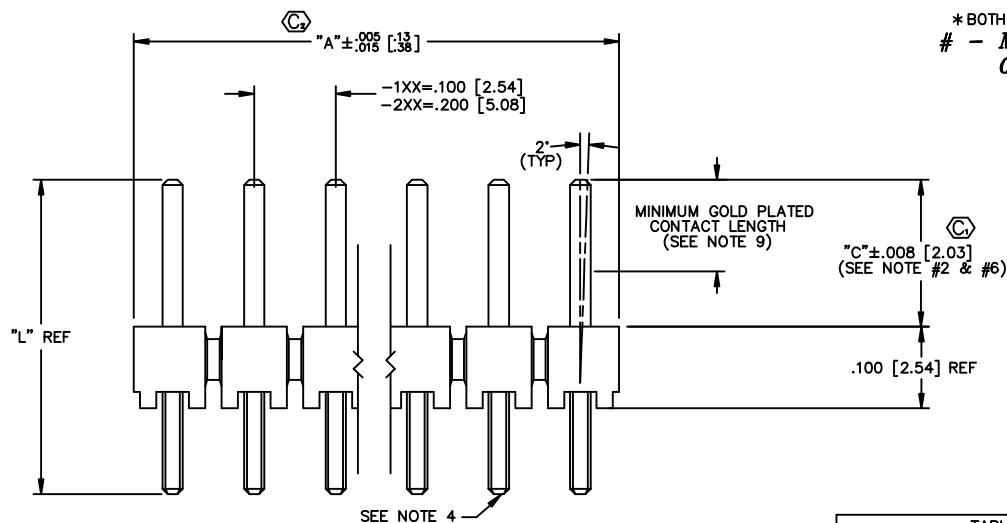
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TABLE 1

TERMINAL SPECIFICATIONS

TERMINAL SPEC	PIN #1	"L"	PIN #2 (a)	PIN #3	"C"
-05(a)	T-1S6-21-XXX-2	.335 [8.51]	N/A	N/A	.105 [2.67] (b)
-06(a)	T-1S6-18-XXX-2	.300 [7.62]	N/A	N/A	.105 [2.67] (b)
-07(a)	T-1S6-07-XXX-2	.430 [10.92]	N/A	N/A	.230 [5.84] (b)
-08(a)	T-1S6-08-XXX-2	.530 [13.46]	T-1S6-09-XXX-2	T-1S6-11-XXX-2	.230 [5.84] (b)(c)
-09	T-1S6-09-XXX-2	.730 [18.54]	T-1S6-11-XXX-2	T-1S6-20-XXX-2	.230 [5.84] (b)
-10	T-1S6-10-XXX-2	.830 [21.08]	T-1S6-12-XXX-2	T-1S6-13-XXX-2	.230 [5.84]
-11	T-1S6-11-XXX-2	.930 [23.62]	T-1S6-20-XXX-2	T-1S6-19-XXX-2	.230 [5.84]
-12	T-1S6-12-XXX-2	1.030 [26.16]	T-1S6-13-XXX-2	T-1S6-14-XXX-2	.230 [5.84]
-13	T-1S6-13-XXX-2	1.230 [31.24]	T-1S6-14-XXX-2	N/A	.230 [5.84]
-14(a)	T-1S6-08-XXX-2	.530 [13.46]	N/A	N/A	.320 [8.13] (b)
-15(a)	T-1S6-09-XXX-2	.730 [18.54]	N/A	N/A	.520 [13.20] (b)
-16	T-1S6-09-XXX-2	.730 [18.54]	T-1S6-11-XXX-2	T-1S6-20-XXX-2	.320 [8.13] (b)(c)
-17(a)	T-1S6-10-XXX-2	.830 [21.08]	N/A	N/A	.620 [15.75] (b)
-18(a)	T-1S6-11-XXX-2	.930 [23.62]	N/A	N/A	.720 [18.29] (b)
-19(a)	T-1S6-12-XXX-2	1.030 [26.16]	N/A	N/A	.820 [20.83] (b)
-20(a)	T-1S6-13-XXX-2	1.230 [31.24]	N/A	N/A	1.020 [25.91] (b)
-21	T-1S6-14-XXX-2	1.430 [36.62]	N/A	N/A	1.220 [30.99] (b)
-21(a)	T-1S6-14-XXX-2	1.430 [36.62]	N/A	N/A	.230 [5.84] (b)(c)
-22	T-1S6-15-XXX-2	.630 [16.00]	T-1S6-10-XXX-2	T-1S6-12-XXX-2	.230 [5.84] (b)(c)
-23(a)	T-1S6-16-XXX-2	.445 [11.30]	N/A	N/A	.230 [5.84] (b)
-24(a)	T-1S6-17-XXX-2	.480 [12.19]	N/A	N/A	.265 [6.73] (b)
-25(a)	T-1S6-15-XXX-2	.630 [16.00]	T-1S6-10-XXX-2	T-1S6-12-XXX-2	.320 [8.13] (b)(c)
-26(a)	T-1RS7-01-XXX-2	.456 [11.58]	N/A	N/A	.230 [5.84]
-27	T-1S6-19-XXX-2	1.330 [33.78]	N/A	N/A	.230 [5.84]
-28	T-1S6-20-XXX-2	1.130 [28.70]	T-1S6-19-XXX-2	N/A	.230 [5.84]
-29(a)	T-1S6-19-XXX-2	1.330 [33.78]	N/A	N/A	.320 [8.13]
-30(a)	T-1S6-20-XXX-2	1.130 [28.70]	T-1S6-19-XXX-2	N/A	.320 [8.13]
-41	T-1S6-25-XXX-2	.365 [9.27]	N/A	N/A	.230 [5.84]
-42	T-1S6-26-XXX-2	.470 [11.94]	N/A	N/A	.320 [8.13]

- (1) WITH -RA or -RE OPTION
(2) OMIT WITH -Q ROW SPECIFICATION
(3) NOT AVAILABLE IN -RA OR -RE OPTION.
(4) NOT AVAILABLE IN -RE OPTION.
(5) AVAILABLE IN -LL OPTION.
(6) AVAILABLE IN -LA OPTION.
(7) ON STYLE -08 -RA & -LA
OPTIONS ONLY; 'C' = .230±.008 [5.84±.13].



- NOTES:
1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
2. HEIGHT VARIATION BETWEEN A PIN AND ANY ADJACENT PIN SHALL BE .005 [1.3] MAX (R.A. TAIL N/A).
3. ASSEMBLE GOLD PLATE END AS SHOWN.
4. TERMINAL SPEC. STYLE -26 (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.

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DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS ± .1 [2.54] THREE PLACE DECIMALS ± .005 [1.3]
TWO PLACE DECIMALS ± .01 [2.54] FOUR PLACE DECIMALS ± .0020 [51]

ANGLES

± 2°

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, -RA)
-01 THRU -50 (-S-RE, -S-RA, -D-RA)
"A"= NO. OF POS. x .100
-2= -02 THRU -25 (-S, -D, -T, -RA)
-02 THRU -25 (-S-RE, -S-RA, -D-RA)
"A"= (NO OF POS. x .200)-100

TERMINAL SPECIFICATION
SEE TABLE 1

OPTION #3

*-MW: METAL WASHER (STRAIGHT TAIL OPTION ONLY)
(AVAILABLE ON 05, 06, 07, 08, 16, 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 #1

-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 SOL. 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)

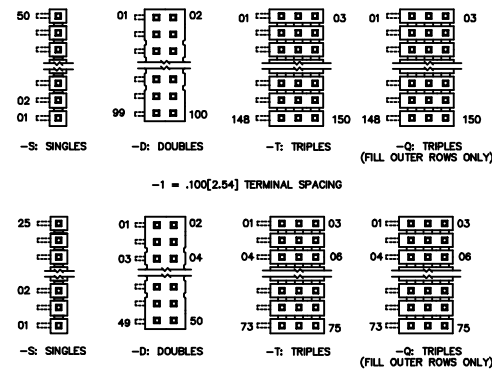
ROW SPECIFICATION (SEE TABLE #2)

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 (90/10±5%) TAIL
-LTL: LIGHT SELECTIVE GOLD, TIN/LEAD (90/10±5%) TAIL (AVAILABLE ONLY ON LEAD STYLE -15)

* BOTH THE -LC OPTION AND THE -MW OPTION MAY NOT BE ON THE SAME ASSEMBLY.

- MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS 2/12/02.



-2 = .200[5.08] TERMINAL SPACING

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:
PHOSPHOR BRONZE

EXPLOD/ASSEMBLY/100

HTSW/SM

samtec

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MADE BY:
PURVIS 2-17-87

HTSW-XXX-XX-XXX-X-XX-XX-XX
SHEET 1 OF 3