

REVISION AL
DO NOT SCALE FROM THIS PRINT

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
ONE PLACE DECIMALS ± .1 [2.5] THREE PLACE DECIMALS ± .005 [.13] ANGLES ± 2°
TWO PLACE DECIMALS ± .01 [2.5] FOUR PLACE DECIMALS ± .0020 [0.051]

TITLE: ASSEMBLY .025 [1.64] SQ. POST HI-TEMP TERMINAL STRIP
DWG NO: HMTSW-XXX-XX-XXX-X-XXXX-XX-XX
SHEET 1 OF 2

TABLE 1
TERMINAL SPECIFICATIONS

TERMINAL SPEC	PIN #1	PIN #1 OAL	PIN #2	PIN #2 OAL	PIN #3	PIN #3 OAL
-05	T-1S6-21-XXX-2	.335 [8.51]	N/A	N/A	N/A	N/A
-06	T-1S6-19-XXX-2	.300 [7.62]	N/A	N/A	N/A	N/A
-07	T-1S6-07-XXX-2	.430 [10.92]	T-1S6-15-XXX-2	.630 [16.00]	T-1S6-16-XXX-2	.830 [21.08]
-08	T-1S6-06-XXX-2	.530 [13.48]	T-1S6-09-XXX-2	.730 [18.54]	T-1S6-11-XXX-2	.930 [23.62]
-09	T-1S6-08-XXX-2	.730 [18.54]	T-1S6-11-XXX-2	.930 [23.62]	T-1S6-20-XXX-2	1.130 [28.70]
-10	T-1S6-10-XXX-2	.830 [21.08]	T-1S6-12-XXX-2	1.030 [26.16]	T-1S6-13-XXX-2	1.230 [31.24]
-11	T-1S6-11-XXX-2	.930 [23.62]	T-1S6-20-XXX-2	1.130 [28.70]	T-1S6-19-XXX-2	1.330 [33.78]
-12	T-1S6-12-XXX-2	1.030 [26.16]	T-1S6-13-XXX-2	1.230 [31.24]	T-1S6-14-XXX-2	1.430 [36.23]
-13	T-1S6-13-XXX-2	1.230 [31.24]	T-1S6-14-XXX-2	1.430 [36.23]	N/A	N/A
-21	T-1S6-14-XXX-2	1.430 [36.23]	N/A	N/A	N/A	N/A
-22	T-1S6-15-XXX-2	.630 [16.00]	T-1S6-10-XXX-2	.830 [21.08]	T-1S6-12-XXX-2	1.030 [26.16]
-23	T-1S6-16-XXX-2	.445 [11.30]	N/A	N/A	N/A	N/A
-24	T-1S6-17-XXX-2	.480 [12.19]	N/A	N/A	N/A	N/A
-27	T-1S6-19-XXX-2	1.330 [33.78]	N/A	1.330 [33.78]	N/A	N/A
-28	T-1S6-20-XXX-2	1.130 [28.70]	T-1S6-19-XXX-2	N/A	N/A	N/A

- NOTES:
1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
2. HEIGHT VARIATION BETWEEN ANY TWO ROWS SHALL BE .005 [.13] MAX (R.A. TAIL N/A).
3. ASSEMBLE GOLD PLATE END AS SHOWN.
4. (C) REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
5. TOW & SWAY SPEC. OF 2° APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.
6. NOTE DELETED
7. MAXIMUM CUT FLASH: .010 [.25]
8. INSULATOR MATERIAL: NATURAL LCP, UL 94 VO

CRITICAL DIMENSION INSPECTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL	C2
RA	C3, C4, C5
CRIMP	C6
MUTI CUT	C1

ASSEMBLY INSTRUCTIONS

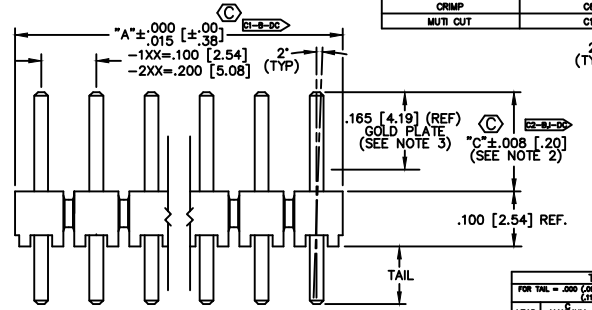


TABLE 2
BODY SPECIFICATION

ROW/OPTION	USE BODY	-XX	"B"
-S/-S-NA/-S-NE	HTSW-50-S-LCP	-RA	.060 [1.52]
-S-RA/-S-RE	HTSW-50-S-RA-LCP	-RE	.160 [4.06]
-D/-D-NA/-D-NE	HTSW-50-D-LCP		
-D-RA	HTSW-50-D-RA-LCP		
-T/-T-NA/-T-NE	HTSW-50-T-LCP		
-T-RA	HTSW-50-T-RA-LCP		
-Q	HTSW-50-T-LCP		

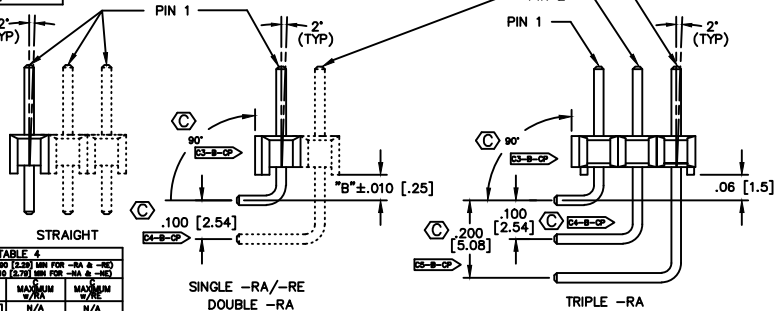
TABLE 4
FOR TAIL = .500 [12.70] MIN FOR -RA & -RE
MIN [2.70] MIN FOR -RA & -RE

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]	.330 [8.38]	.130 [3.30]
-09	.630 [16.00]	.430 [10.92]	.330 [8.38]
-10	.730 [18.54]	.630 [16.00]	.430 [10.92]
-11	.830 [21.08]	.630 [16.00]	.430 [10.92]
-12	.930 [23.62]	.730 [18.54]	.430 [10.92]
-13	1.130 [28.70]	.830 [21.08]	.430 [10.92]
-21	1.330 [33.78]	1.130 [28.70]	1.030 [26.16]
-22	.630 [16.00]	.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	1.330 [33.78]	1.030 [26.16]	.830 [21.08]
-28	1.030 [26.16]	.830 [21.08]	.730 [18.54]

TERMINAL SPACE SPEC.
(SEE ASSEMBLY INSTR.)
-1= .100 [2.54] (FILL EVERY POS.)
-2= .200 [5.08] (FILL E/D POS. STARTING W/ 1st & ENDING W/ LAST POS. IN BODY)
BODY LENGTH SPEC.
EXPRESSED IN # OF POS.
-1: 01 THRU -50 (-S-01-T-RA)
01 THRU 50 (-S-RE-S-RA-D-RA)
*A = (NO. OF POS. x .100 [2.54])
-2: 02 THRU -25 (-S-01-T-RA)
02 THRU -25 (-S-RE-S-RA-D-RA)
*A = (NO. OF POS. x .200 [5.08])-.100 [2.54]

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)
-RE= EXTENDED RIGHT ANGLE (SEE TABLE 3 & FIG. 3) (SINGLE ROW ONLY) (-07, -08, -12, -13, -14)
-NA= RA OPTION WITH STRAIGHT OPTION BODY
-NE= RE OPTION WITH STRAIGHT OPTION BODY
-LC= LOCKING CLIP (USE LTC-01 FOR SOL. ROW & LTC-02 FOR DBL. ROW)
-LL= LOCKING LEAD (SEE FIG. 1) (N/A WITH -RE OPTION OR SINGLE ROW (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 OR SINGLE ROW 1 OR 2 POSITION) (TAILS FROM .090 [2.29] TO .310 [7.87] ONLY) POST = .530 [13.48] MAX.
POST HEIGHT
XXX = "C" (SEE TABLE 4)
ROW SPECIFICATION (SEE TABLE #2)
-S: SINGLE
-D: DOUBLE
-T: TRIPLE
-Q: TRIPLE ROW/FILL OUTER TWO ROWS

PLATING SPECIFICATIONS
-G: 10µ GOLD IN CONTACT AREA, 10µ GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30µ GOLD IN CONTACT AREA, 3µ GOLD ON TAIL
-L: 10µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-E: 50µ GOLD IN CONTACT AREA, 3µ GOLD ON TAIL (ONLY AVAILABLE ON TERMINAL SPECIFICATIONS -07, -08, -09, -13, -14, NOT AVAILABLE ON -RA, -RE, -NA, -NE, -LA)
-TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL (AVAILABLE ONLY ON LEAD STYLES -07, -08, & -09)
-TM: MATTE TIN CONTACT AND TAIL
-SM: 30µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-LM: 10µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-STL: 30µ SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10+/-5%) TAIL



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND REVEALING IT TO OTHERS WITHOUT THE WRITTEN CONSENT OF SAMTEC INC.

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SHEET 1 OF 2