

NOTES:

1. MAX ALLOWABLE BOW: .005 INCH/INCH.
2. HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010 MAX.
3. TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
4. MAX PIN ROTATION IN BODY: 2°.
5. (C) REPRESENTS A CRITICAL DIMENSION.
6. FOR -S, -G & -L PLATING, GOLD WILL BE ON CONTACT AREA.
7. TUBE POSITIONS -07 THRU -50. POSITIONS -01 THRU -06 ARE TO BE LAYER PACKAGED.
8. MAX CUT FLASH: .010
9. FOR -D, USE DWM-50-D WHEN RAN ON BOARD STACKER AUTOMATION, HTMS-50-D FOR ALL OTHER PROCESSES. FOR -S, USE HTMS-50-S.
10. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	DWG NO:
ONE PLACE DECIMALS ± .1	THREE PLACE DECIMALS ± .005	ANGLES ± 2°	BOARD SPACING MICRO STRIPS		DWM-XX-XX-XX-X-XXX-XXX	SHEET 1 OF 1	
TWO PLACE DECIMALS ± .01	FOUR PLACE DECIMALS ± .0020						

DWM-XX-XX-XX-X-XXX-XXX

BODY LENGTH SPEC  
EXPRESSED IN # POS PER ROW  
(-01 THRU -50)  
"XX" = No. OF POS x .050

LEAD STYLE  
SEE TABLE 1

OPTION  
-POLARIZING SPECIFICATION  
XXX INDICATES POS. TO BE OMITTED  
(SEE FIG. 1)

BOARD SPACE  
-XXX: BOARD SPACE  
MAX = "L"-.120

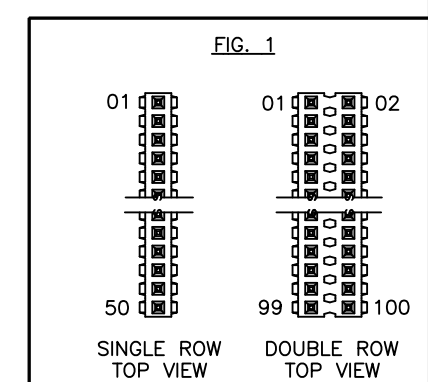
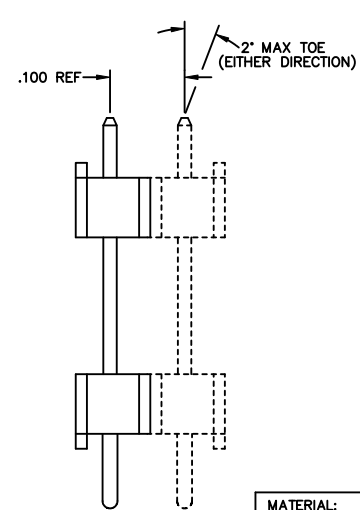
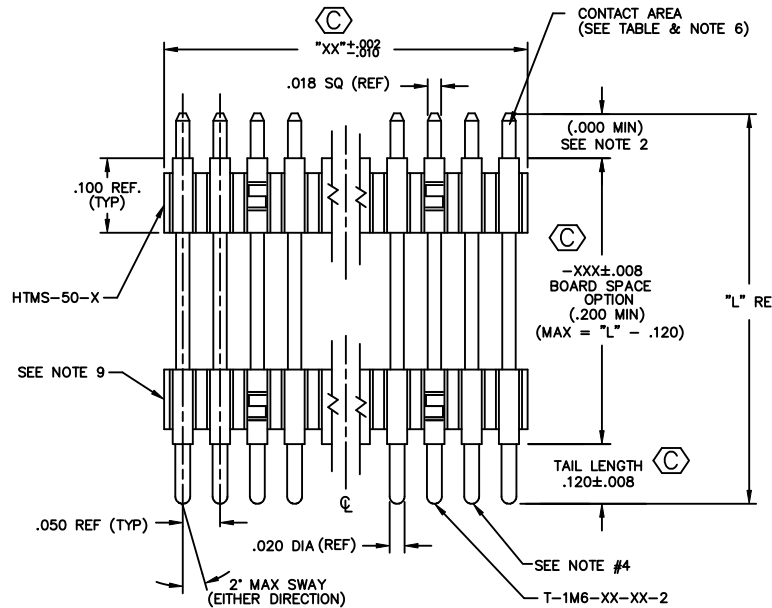
BODY SPECIFICATION  
-S: SINGLE (USE HTMS-50-S)  
-D: DOUBLE (USE HTMS-50-D)

PLATING SPECIFICATION

- G: 10µ" GOLD IN CONTACT AREA, 10µ" GOLD ON TAIL (SEE NOTE 6)
- T: MATTE TIN CONTACT AND TAIL
- S: 30µ" GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTE 6)
- TM: MATTE TIN CONTACT AND TAIL
- SM: 30µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10µ" GOLD, MATTE TIN TAIL, SPECIFY -L IN TERMINAL SUFFIX (SEE NOTE 6)

SEE NOTE 7

LEAD STYLE	TERMINAL SPEC.	'L'	CONTACT AREA	'L' - .120 [3.05] BOARD SPACE MAX (REF)	PACKAGING (7 POS MIN).			
					SINGLE ROW		DOUBLE ROW	
					PT	TP	PT	TP
-01	T-1M6-18-XX-2	.450 [11.43]	.190 [4.83]	REF .330 [8.38]	PT-1-24-01-24 (2)	TP-24	PT-1-24-01-22 (2)	TP-03
-51	T-1M6-02-XX-2	.410 [10.41]	.140 [3.56]	REF .290 [7.37]	PT-1-24-01-24 (2)	TP-24	PT-1-24-01-22 (2)	TP-03
-52	T-1M6-12-XX-2	.425 [10.80]	.165 [4.19]	REF .305 [7.75]	PT-1-24-02-03 (2)	TP-24	PT-1-24-02-53 (2)	TP-09
-53	T-1M6-04-XX-2	.505 [12.83]	.190 [4.83]	REF .385 [9.78]	PT-1-24-02-03 (2)	TP-24	PT-1-24-02-46 (2)	TP-03
-54	T-1M6-14-XX-2	.555 [14.10]	.190 [4.83]	REF .435 [11.05]	PT-1-24-02-03 (2)	TP-24	PT-1-24-06-29 (2)	TP-03
-55	T-1M6-03-XX-2	.610 [15.49]	.190 [4.83]	REF .490 [12.45]	PT-1-24-02-03 (2)	TP-24	PT-1-24-04-44 (2)	TP-03
-56	T-1M6-13-XX-2	.625 [15.88]	.190 [4.83]	REF .505 [12.83]	PT-1-24-10-03 (2)	TP-03	PT-TW002-S-SM (2)	TP-07
-57	T-1M6-19-XX-2	.650 [16.51]	.190 [4.83]	REF .530 [13.46]	PT-1-24-10-03 (2)	TP-03	PT-FW004-OX-D-EX (2)	TP-24
-58	T-1M6-05-XX-2	.705 [17.91]	.190 [4.83]	REF .585 [14.86]	PT-1-24-10-03 (2)	TP-03	PT-1-24-01-51 (2)	TP-13
-59	T-1M6-15-XX-2	.755 [19.18]	.190 [4.83]	REF .635 [16.13]	PT-1-24-10-03 (2)	TP-03	PT-FW004-OX-D-EX (2)	TP-24
-60	T-1M6-16-XX-2	.825 [20.96]	.190 [4.83]	REF .705 [17.91]	PT-1-24-10-03 (2)	TP-03	PT-1-24-01-71 (2)	TP-03
-61	T-1M6-28-XX-2	1.050 [26.67]	.190 [4.83]	REF .930 [23.62]	PT-1-24-02-04 (2)	TP-33	PT-1-24-08-03 (2)	TP-03



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MATERIAL:  
INSULATOR:  
BLACK LIQUID CRYSTAL POLYMER  
UL 94V-0  
TERMINAL:  
PHOSPHOR BRONZE

DESIGN/ASSEMBLY/050  
DWM-XX-XX-XX-X-XXX-XXX

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