

DO NOT  
SCALE FROM  
THIS PRINT

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM ALLOWABLE BOW: .005 [0.13]IN/IN.
3. MAXIMUM PIN VARIATIONS BETWEEN ANY TWO PINS: .010 [0.25].
4. MINIMUM TERMINAL PUSHOUT FORCE: 2 LBS.
5. MAXIMUM PIN ROTATION IN BODY: 2°.
6. MAXIMUM CUT FLASH: .010 [0.25].
7. TUBE POSITIONS -07 THRU -50. POSITIONS -01 THRU -06 ARE TO BE LAYER PACKAGED.
8. 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.
9. FOR -L, -S & -G PLATING, GOLD WILL BE ON CONTACT AREA.
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](mailto:IPG@SAMTEC.COM) FOR MORE INFORMATION.

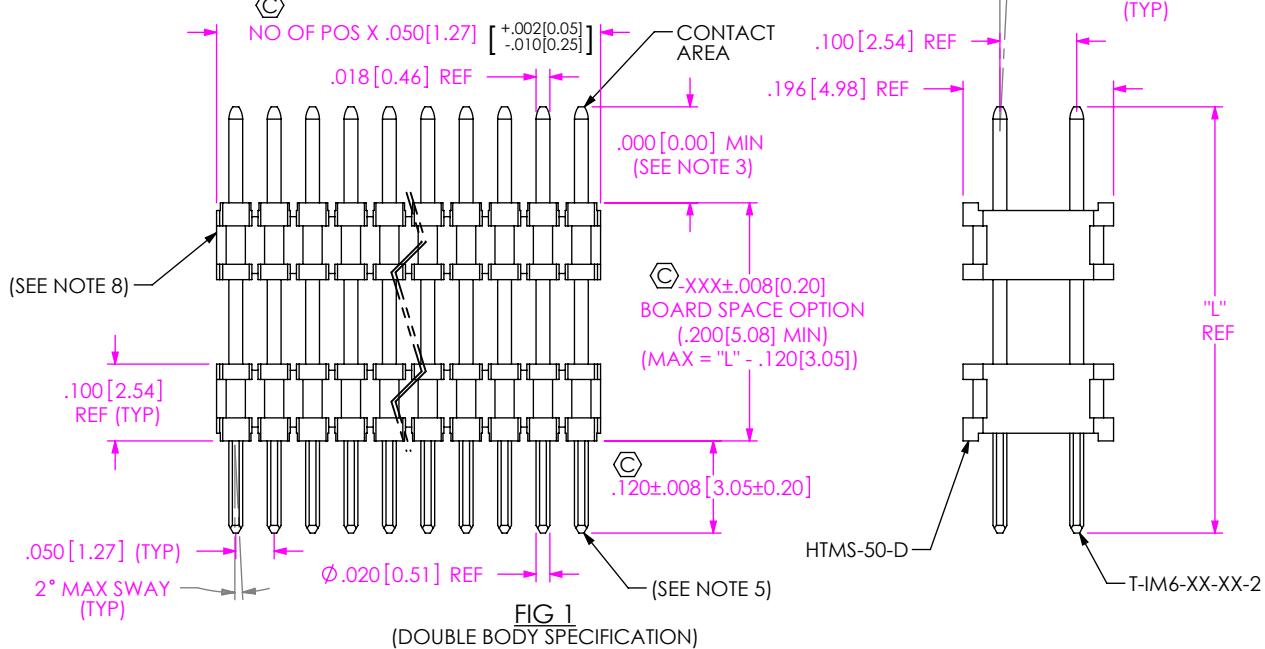
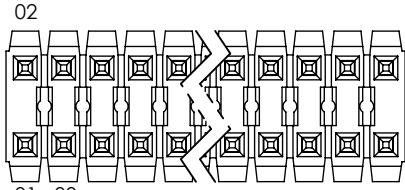
FIG 1  
(DOUBLE BODY SPECIFICATION)

TABLE 1

LEAD STYLE	TERMINAL SPECIFICATION	"L"	"L"-.120 [3.05] BOARD SPACE MAX (REF)	PACKAGING (7 POS MIN, SEE NOTE 7)			
				SINGLE ROW		DOUBLE ROW	
-01	T-1M6-18-XX-2	0.450 [11.43]	0.330 [8.38]	PT-1-24-01-24	(2) TP-24	PT-1-24-15-29	(2) TP-07
-51	T-1M6-02-XX-2	0.410 [10.41]	0.290 [7.37]	PT-1-24-02-48	(2) TP-03	PT-1-24-15-29	(2) TP-07
-52	T-1M6-12-XX-2	0.425 [10.80]	0.305 [7.75]	PT-1-24-02-48	(2) TP-03	PT-1-24-15-29	(2) TP-07
-53	T-1M6-04-XX-2	0.505 [12.83]	0.385 [8.78]	PT-1-24-01-46	(2) TP-24	PT-1-24-15-29	(2) TP-07
-54	T-1M6-14-XX-2	0.555 [17.10]	0.435 [11.05]	PT-1-24-01-46	(2) TP-24	PT-1-24-15-29	(2) TP-07
-55	T-1M6-03-XX-2	0.610 [15.49]	0.490 [12.45]	PT-1-24-01-46	(2) TP-24	PT-1-24-15-29	(2) TP-07
-56	T-1M6-13-XX-2	0.625 [15.88]	0.505 [12.83]	PT-1-24-09-29	(2) TP-03	PT-1-24-15-29	(2) TP-07
-57	T-1M6-19-XX-2	0.650 [16.51]	0.530 [13.46]	PT-1-24-01-30	(2) TP-03	PT-1-24-15-29	(2) TP-07
-58	T-1M6-05-XX-2	0.705 [17.91]	0.585 [14.86]	PT-1-24-09-29	(2) TP-03	PT-1-24-01-51	(2) TP-13
-59	T-1M6-15-XX-2	0.755 [19.18]	0.635 [16.13]	PT-1-24-01-47	(2) TP-24	PT-1-24-16-29	(2) TP-07
-60	T-1M6-16-XX-2	0.825 [20.96]	0.705 [17.91]	PT-1-24-01-47	(2) TP-24	PT-1-24-08-03	(2) TP-03
-61	T-1M6-28-XX-2	1.050 [26.67]	0.930 [23.62]	PT-1-24-02-04	(2) TP-12	PT-1-24-08-03	(2) TP-03

HDWM-XX-XX-XX-X-XXX-XXX

NO OF POS  
(-01 THRU -50)  
LEAD STYLE  
SEE TABLE 1

## PLATING SPECIFICATION

- G: 10μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- T: MATTE TIN ON ENTIRE PIN.
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- TM: MATTE TIN ON ENTIRE PIN.
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

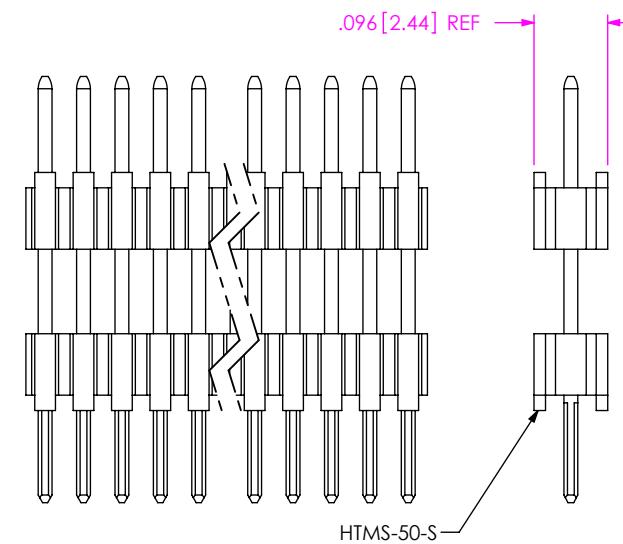
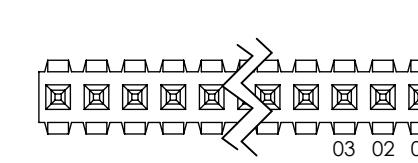
OPTION

POLARIZING SPECIFICATION  
XXX INDICATES POS. TO BE OMITTED  
(SEE FIG 1 AND 2)

BOARD SPACE

-XXX: BOARD SPACE  
MAX = "L" - .120[3.05]

BODY SPECIFICATION

-S: SINGLE (USE HTMS-50-S)  
-D: DOUBLE (USE HTMS-50-D)FIG 2  
(SINGLE BODY SPECIFICATION)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS .XX: ±.01 [.3]  
ANGLES 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
TERMINAL: PHOS BRONZE

**Samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: [info@SAMTEC.COM](mailto:info@SAMTEC.COM) code: 55322

DESCRIPTION: HI TEMP BOARD SPACING MICRO STRIPS

DWG. NO. HDWM-XX-XX-XX-X-XXX-XXX

BY: G REIDINGER 08/03/1992 SHEET 1 OF 1