REVISION AE

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 FOR MORE INFORMATION.
11. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM

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

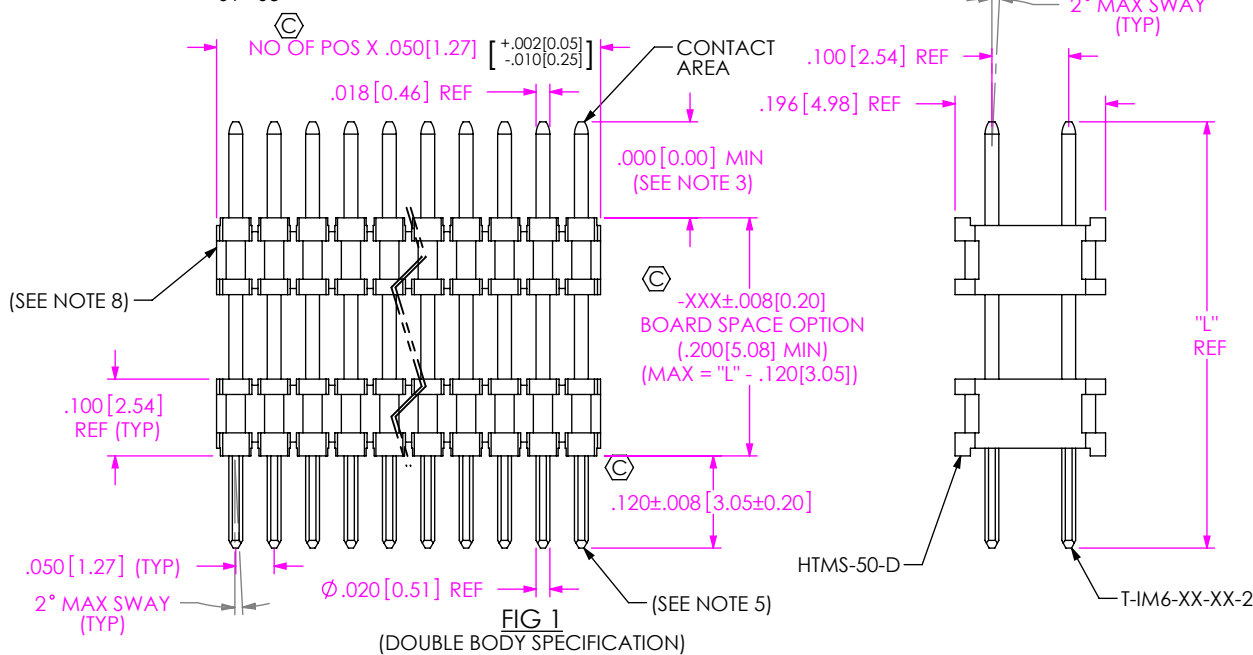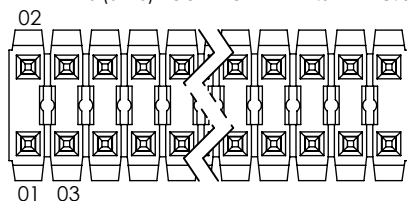NO OF POS
(-01 THRU -50)

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.
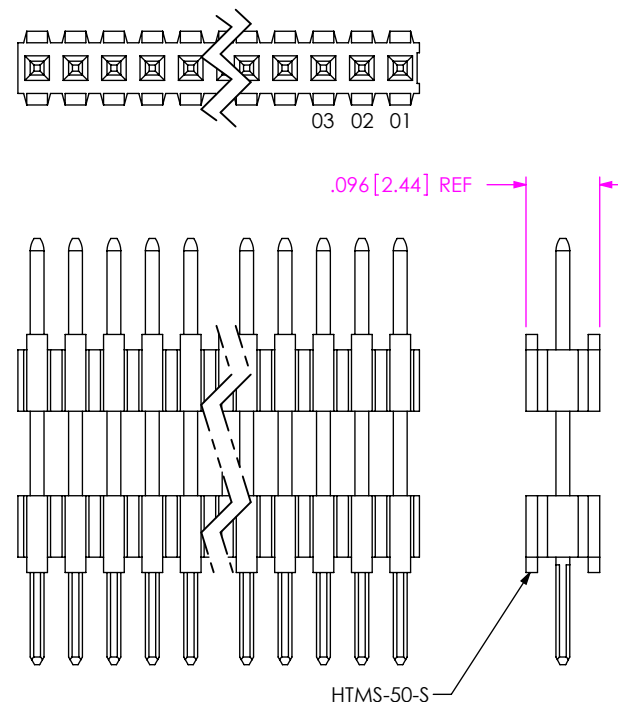-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

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)

DO NOT SCALE FROM THIS PRINT

02
01 03

NO OF POS X .050[1.27] [+.002[0.05] / -.010[0.25]]
.018 [0.46] REF
CONTACT AREA
.000 [0.00] MIN (SEE NOTE 3)
Ⓒ
-XXX±.008[0.20] BOARD SPACE OPTION (.200[5.08] MIN) (MAX = "L" - .120[3.05])
(SEE NOTE 8)
.100 [2.54] REF (TYP)
.050 [1.27] (TYP)
2° MAX SWAY (TYP)
Ø .020[0.51] REF
Ⓒ
.120±.008 [3.05±0.20]
(SEE NOTE 5)

FIG 1
(DOUBLE BODY SPECIFICATION)

2° MAX SWAY (TYP)
.100 [2.54] REF
.196 [4.98] REF
"L" REF
HTMS-50-D
T-IM6-XX-XX-2

03 02 01
.096 [2.44] REF

HTMS-50-S

FIG 2
(SINGLE BODY SPECIFICATION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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-FW006-D-05-P	(2) TP-03	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-07

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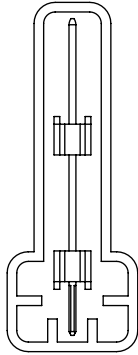.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]
ANGLES
2°

MATERIAL:
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

DO NOT SCALE DRAWING

SHEET SCALE: 12:1

SAMTEC
520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: 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 2

F:\DWG\MISC\MKTG\HDWM-XX-XX-XX-X-XXX-XXX-MKT.SLDDRW

PACKAGING VIEW
FOR LEAD STYLE -60 SINGLE ROW

SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com   code: 55322

SHEET SCALE: 1:8
DO NOT SCALE DRAWING

DESCRIPTION:
HI TEMP BOARD SPACING MICRO STRIPS

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

BY: G REIDINGER   08/03/1992   SHEET 2 OF 2