

REVISION BG

DO NOT SCALE
FROM THIS PRINTUNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES TOLERANCES ARE:ONE PLACE DECIMALS $\pm .1$ [2.54mm] THREE PLACE DECIMALS $\pm .005$ [0.13mm]
TWO PLACE DECIMALS $\pm .01$ [0.25mm] FOUR PLACE DECIMALS $\pm .0020$ [0.05mm]ANGLES
 $\pm 5^\circ$ TITLE: HIGH TEMP
2mm
TERMINAL STRIP
(BOARD STACKING)

DWG NO:

TW-XX-XX-X-X-XXX-XXX-XXX-XX

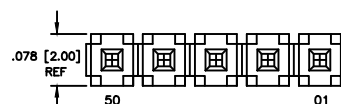
SHEET 1 OF 3

TABLE 1

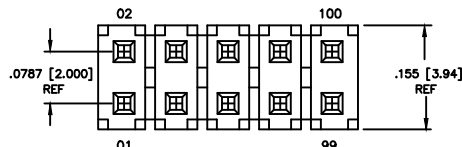
LEAD STYLE	TERMINAL	"L"		"C"	
		OVERALL LENGTH			
-01	T-1S13-20-X-2	.3228	8.199	.100	2.54
-02	T-1S13-02-X-2	.3770	9.576	.150	3.81
-03	T-1S13-03-X-2	.5347	13.581	.150	3.81
-04	T-1S13-06-X-2	.5550	14.097	.100	2.54
-05	T-1S13-09-X-2	.5940	15.088	.100	2.54
-06	T-1S13-10-X-2	.6730	17.094	.100	2.54
-07	T-1S13-11-X-2	.7510	19.075	.100	2.54
-08	T-1S13-12-X-2	.8300	21.082	.100	2.54
-09	T-1S13-13-X-2	.4560	11.582	.100	2.54
-10	T-1S13-14-X-2	.6140	15.596	.100	2.54
-11	T-1S13-05-X-2	.3970	10.084	.100	2.54
-12	T-1S13-16-X-2	1.110	28.194	.100	2.54

NOTE: LEAD STYLE -08 & -12 NOT AVAILABLE IN -T,
-Q-5 & 6 ROW OPTION.

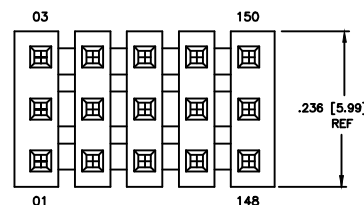
FIG 1

SCALE: .75x
(SEE NOTE 6)

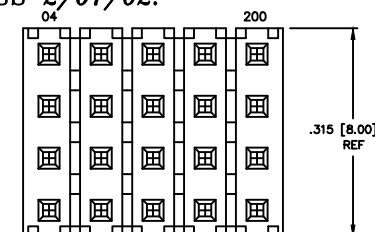
SINGLES



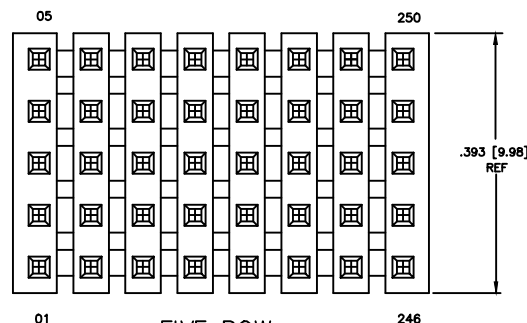
DOUBLES



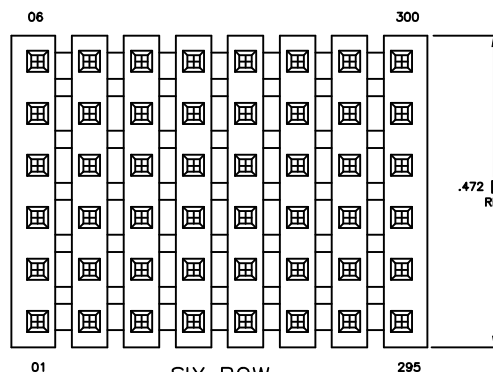
TRIPLES



QUADS



FIVE ROW



SIX ROW

FIG 1

TW-XX-XX-X-X-XXX-XXX-XXX-XX

NO. OF POSITIONS
EXPRESSED IN # OF POS.
-01 THRU -50
"XX" = NO. OF POS. X .07874 [2.00]

LEAD STYLE
(SEE TABLE 1)
(SEE *NOTE)

PLATING

-G: 20 μ " GOLD ON CONTACT AREA, 3 μ " GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
-L: 15 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
-TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL
-F: 3 μ " FLASH GOLD ON CONTACT AREA, MATTE TIN TAIL
-H: 30 μ " GOLD ON CONTACT AREA, 3 μ " GOLD ON TAIL
-STL: 30 μ " SELECTIVE GOLD ON CONTACT AREA, TIN/LEAD (90/10+/-5%) TAIL (-08 & -12 LEAD STYLES ONLY)
-TM: MATTE TIN CONTACT AND TAIL
-LM: 15 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
-FM: 3 μ " FLASH GOLD ON CONTACT AREA, MATTE TIN TAIL
-SM: 30 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL

OPTION

** -MW: METAL WASHER
(NOT AVAILABLE IN -12 LEAD STYLE)
(NOT AVAILABLE FOR -S VERSION)
(SEE FIG. 2, SHT. 3)
(.090 [2.29] MIN TAIL)
(.300 [7.62] MAX TAIL ONLY FOR
-T & -TL OPTIONS.)
(ALL -MW OPTIONS ARE TO BE TUBED)

POLARIZATION OPTION
SPECIFY POS. TO BE REMOVED
(SEE FIGURE 1)

SPACE OPTION

-S, -D, -Q: (.120 MIN.)
-T, -5, -6: (.160 MIN.)
MAX = "L" - .050

ROW OPTION

-S: SINGLE (USE BODY TMM-50-S)
-D: DOUBLE (USE BODY TMM-50-D:
.120-.1599 BOARD SPACE
(ABOVE .160 MIN USE BODY TMMC-50-D)
(CAN SUB TMMH-50-D OR TMMH-50-D-LC
FOR TMMC-50-D)
-T: TRIPLE (USE BODY TMMH-50-T)
-Q: QUAD (USE BODY TMM-50-Q)
-5: FIVE ROW (USE BODY TMMH-50-5)
-6: SIX ROW (USE BODY TMMH-50-6)

**** - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS 2/07/02.**

NOTES:

- 1.) MAX ALLOWABLE BOW: .005 IN/IN AFTER ASSEMBLY.
- 2.) MAX PIN ROTATION IN BODY: 2°.
- 3.) PUSHOUT FORCE SHALL BE 1 lb. MIN.
- 4.) (C) REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL USE.
- 5.) ON -S, -L, -F, & -STL PLATING, GOLD TO GO IN CONTACT AREA WHICH IS OPPOSITE THE GIVEN TAIL LENGTH. FOR -G & -H, HEAVY GOLD TO GO IN CONTACT AREA WHICH IS OPPOSITE THE GIVEN TAIL LENGTH. NOTE DOES NOT APPLY TO -T & -TL PLATING.
- 6.) TOP VIEW (VIEW OF CONTACT AREA, OPPOSITE VIEW OF CUSTOMER SPECIFIED TAIL (SEE PAGE 2)).
- 7.) .020 MAX FLASH
- 8.) NOTE DELETED
- 9.) INSULATOR MATERIAL: BLACK, LCP, UL 94 VO
- 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.

PROPRIETARY NOTE

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MADE BY: MATT CARTER 6-19-98

TW-XX-XX-X-X-XXX-XXX-XXX-XX
SHEET 1 OF 3MISC\MKTG
TW-XX-XX-X-X-XXX-XXX-XXX-XX-MKT1