



**THE DATASHEET OF
TW-18-09-L-D-255-SM**



DO NOT SCALE FROM THIS PRINT

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

ONE PLACE DECIMALS ± .1[.254mm] THREE PLACE DECIMALS ± .005[.13mm] ANGLES ± 5°
 TWO PLACE DECIMALS ± .01[.25mm] FOUR PLACE DECIMALS ± .0020[.05mm]

TITLE: HIGH TEMP 2mm TERMINAL STRIP (BOARD STACKING)

DWG NO: TW-XX-XX-X-X-XXX-XXX-XXX-XX SHEET 1 OF 3

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.

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)

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)

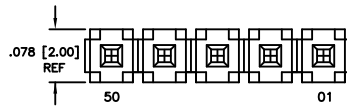
TAIL LENGTH

SPACE OPTION
 -S, -D, -Q: (.120 MIN.)
 -T, -5, -6: (.160 MIN.)
 MAX = 'L' - .050

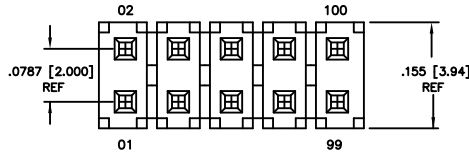
ROW OPTION
 -S: SINGLE (USE BODY TMM-50-S)
 -D: DOUBLE (USE BODY TMM-50-D) .120-.1599 BOARD SPACE (ABOVE .160 MIN USE BODY TMM-50-D) (CAN SUB TMMH-50-D OR TMMH-50-D-LC FOR TMM-50-D)
 -T: TRIPLE (USE BODY TMMH-50-T)
 -Q: QUAD (USE BODY TMM-50-Q)
 -5: FIVE ROW (USE BODY TMMH-50-5)
 -6: SIX ROW (USE BODY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

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

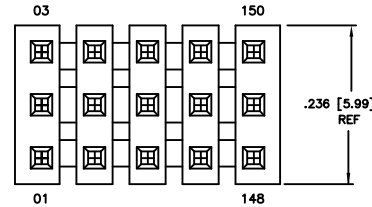
FIG 1
 SCALE: .75x
 (SEE NOTE 6)



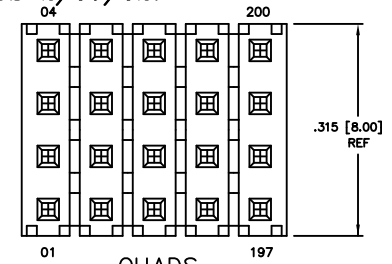
SINGLES



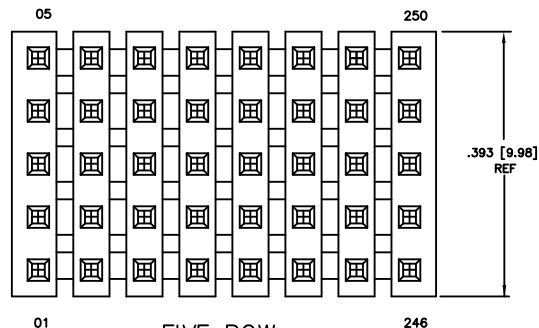
DOUBLES



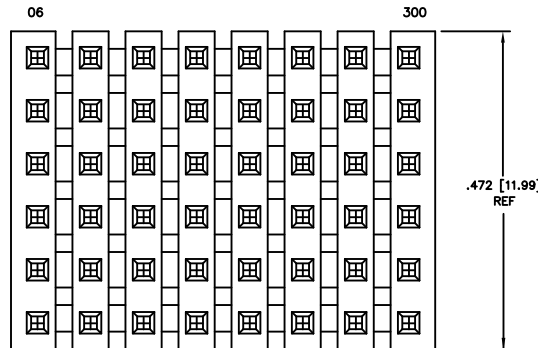
TRIPLES



QUADS



FIVE ROW



SIX ROW

FIG 1

** - 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.

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MISC\MKTG MADE BY: MATT CARTER 6-19-98
 TW-XX-XX-X-X-XXX-XXX-XXX-XX-MKT1

TW-XX-XX-X-X-XXX-XXX-XXX-XX SHEET 1 OF 3

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