REVISION BG

DO NOT SCALE FROM THIS PRINT

UNLESS OTHERWISE NOTED			TITLE: HIGH TEMP 2mm TERMINAL STRIP (BOARD STACKING)	DWG NO: TW-XX-XX-X-X-XXX-XXX-XXX-XX
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:			SHEET 1 OF 3
ONE PLACE DECIMALS ± .1[2.54mm]	THREE PLACE DECIMALS ± .005[.13mm]	ANGLES ± 5°		
TWO PLACE DECIMALS ± .01[.25mm]	FOUR PLACE DECIMALS ± .0020[.05mm]			

TABLE 1

LEAD STYLE	TERMINAL	"L" OVERALL LENGTH	"C"
-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.

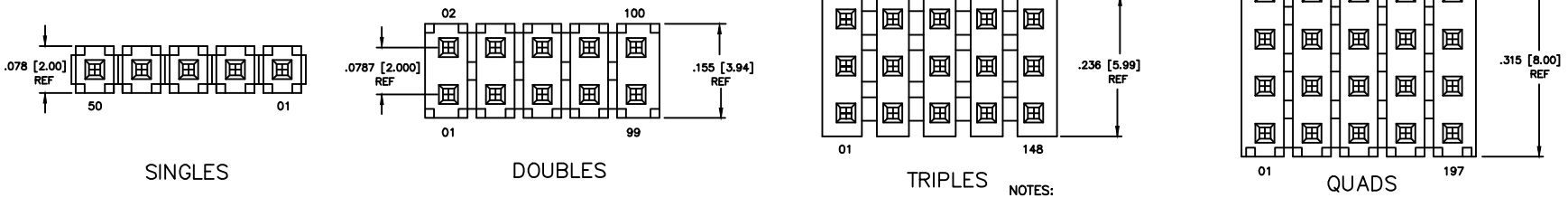
TW-XX-XX-X-X-XXX-XXX-XXX-XX

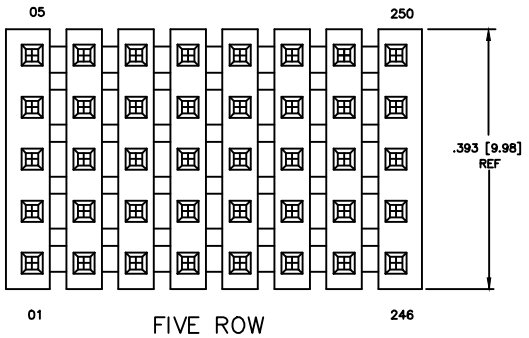
- No. OF POSITIONS: EXPRESSED IN # OF POS. -01 THRU -50. "XX"= No. OF POS. X .07874 [2.00]
- LEAD STYLE (SEE TABLE 1) (SEE *NOTE)
- PLATING
  - -G: 20µ" GOLD ON CONTACT AREA, 3µ" GOLD ON TAIL
  - -T: MATTE TIN CONTACT AND TAIL
  - -S: 30µ" SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
  - -L: 15µ" SELECTIVE 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: 15µ" 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
- 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 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)
- POLARIZATION OPTION: SPECIFY POS. TO BE REMOVED (SEE FIGURE 1)
- 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)

FIG 1

SCALE: .75x

(SEE NOTE 6)





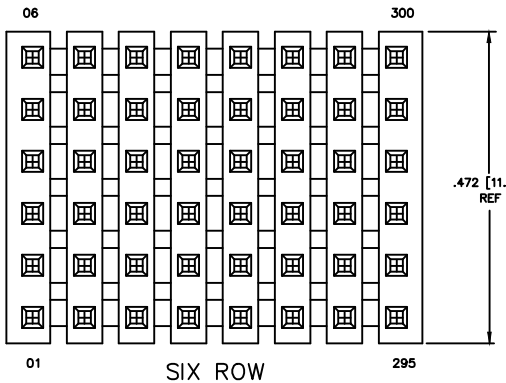


FIG 1

***** – 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.) (Ⓒ) 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 V0
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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