

DO NOT SCALE FROM THIS PRINT

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 ONE PLACE DECIMALS ± .1[2.54mm] 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

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.

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

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)

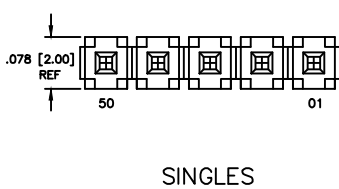
POLARIZATION OPTION  
 SPECIFY POS. TO BE REMOVED (SEE FIGURE 1)

TAIL LENGTH

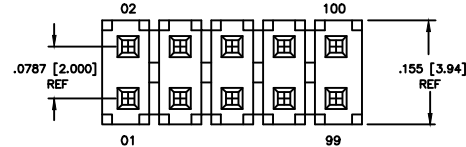
SPACE OPTION  
 -S, -D, -Q: (.120 MIN.)  
 -T, -5, -6: (.160 MIN.)  
 MAX = 'L' - .050

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 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)

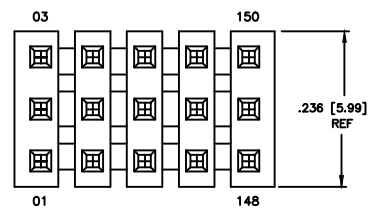
FIG 1  
 SCALE: .75x  
 (SEE NOTE 6)



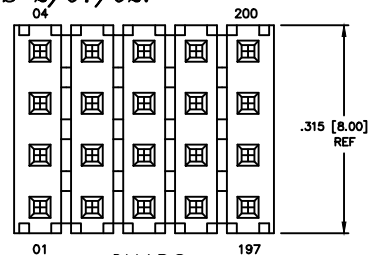
SINGLES



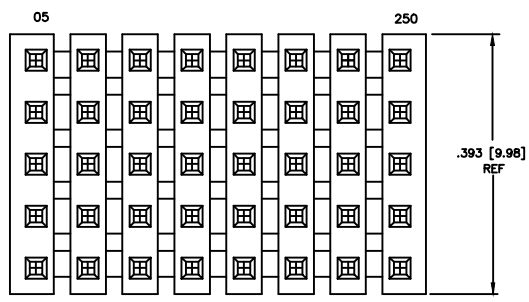
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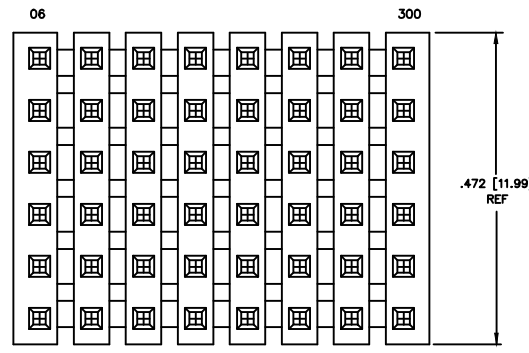
TRIPLES



QUADS



FIVE ROW



SIX ROW

FIG 1

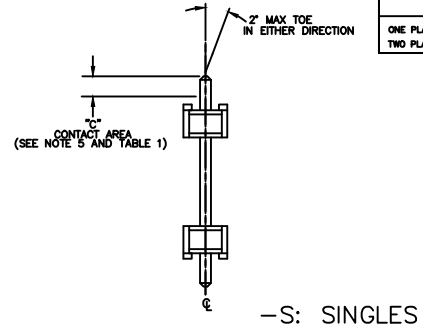
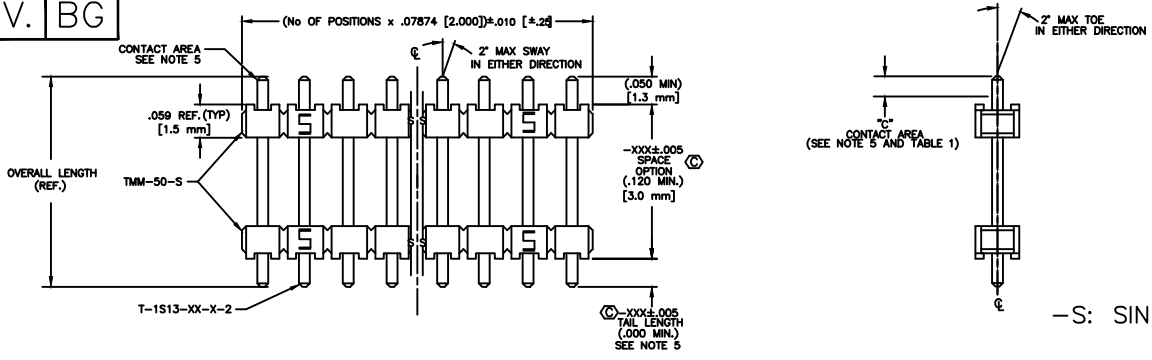
\*\* - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/07/02.

- 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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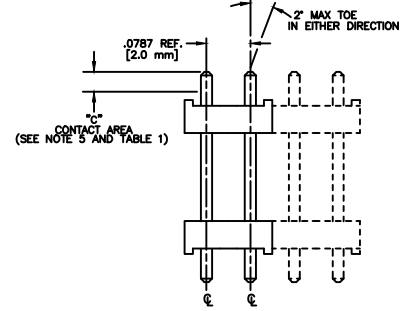
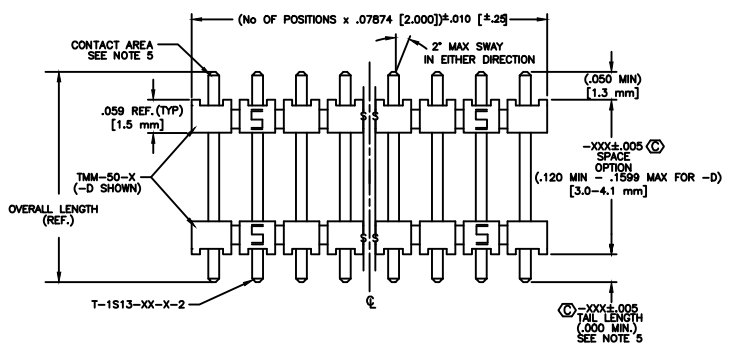
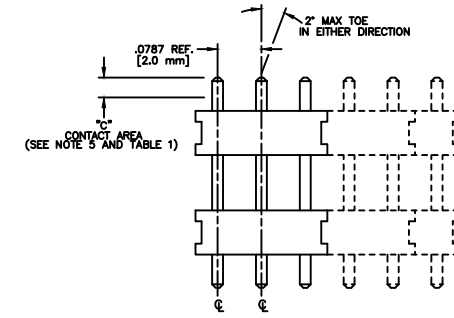
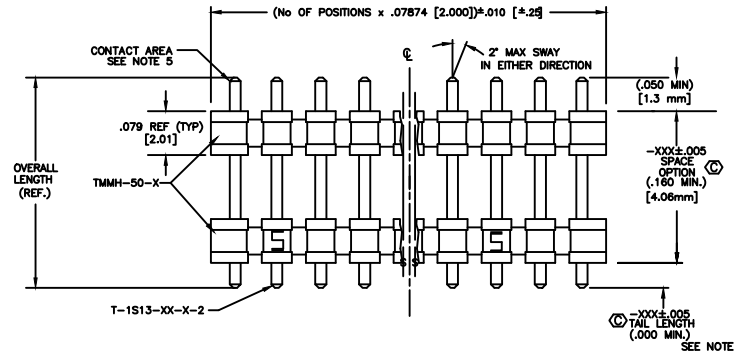


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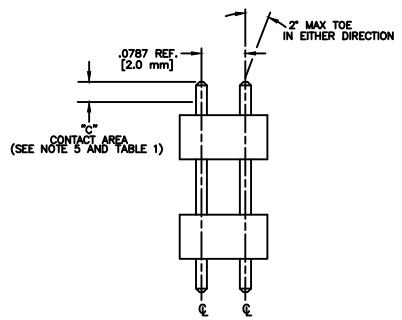
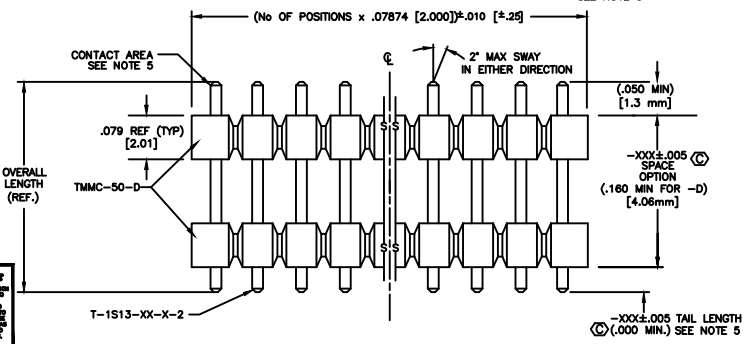


-S: SINGLES

-T: TRIPLE  
 -5: FIVE ROW  
 -6: SIX ROW



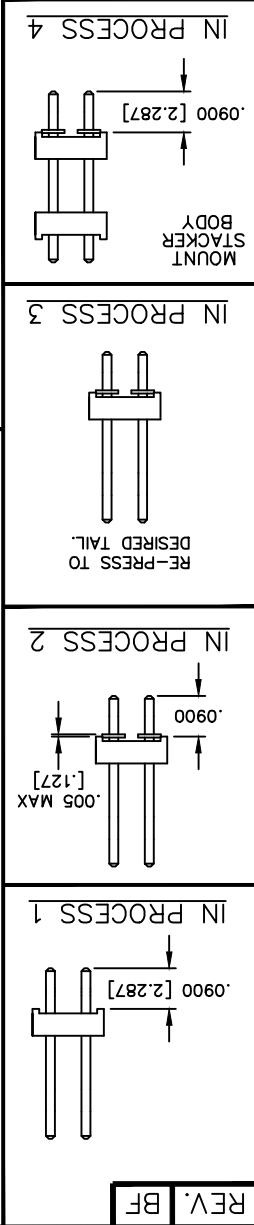
-D: DOUBLE  
 -Q: QUAD



-D: DOUBLE

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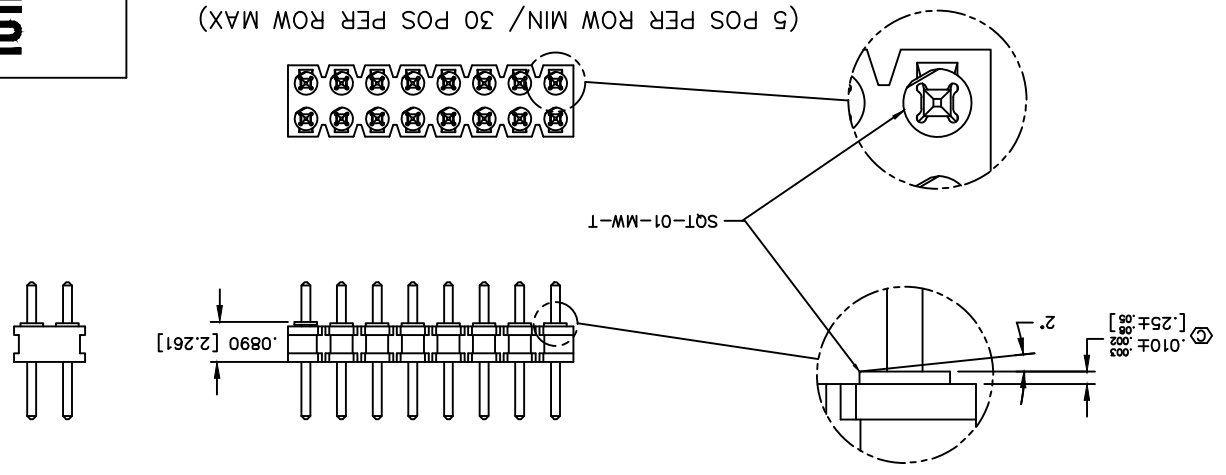
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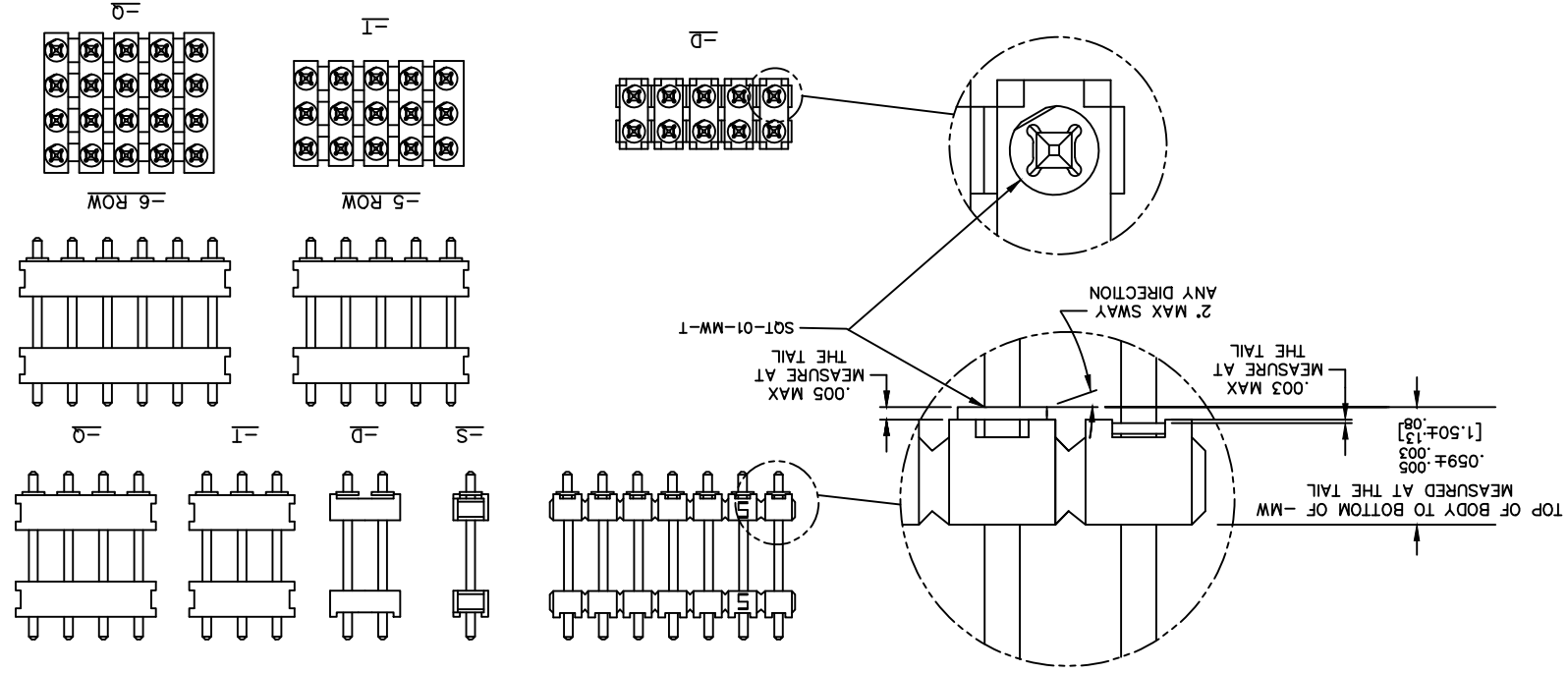
REV. BF

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

(5 POS PER ROW MIN / 30 POS PER ROW MAX)



-MW METAL WASHERS USING TMMH OR TMMC BODY



**FIG 2**  
 \*\* -MW: METAL WASHER USING TMM BODY (ONE PER POSITION) (30 POS MAX)

UNLESS OTHERWISE NOTED  
 DIMENSIONS ARE IN INCHES  
 ONE PLACE DECIMALS ±.1 [2.5] THREE PLACE DECIMALS ±.005 [.13]  
 TWO PLACE DECIMALS ±.01 [2.5] FOUR PLACE DECIMALS ±.0020 [.05]  
 ANGLES ± 2°

TITLE: 2mm TERMINAL STRIP ASSEMBLY

DWG NO: TM-XX-XX-X-X-XX-XX-XX-XX  
 SHEET 3 OF 3

EXISPROD\ASSEMBLY\2MM  
 TM-ASM3  
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 SHEET 3 OF 3

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