

DO NOT SCALE FROM THIS PRINT

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)

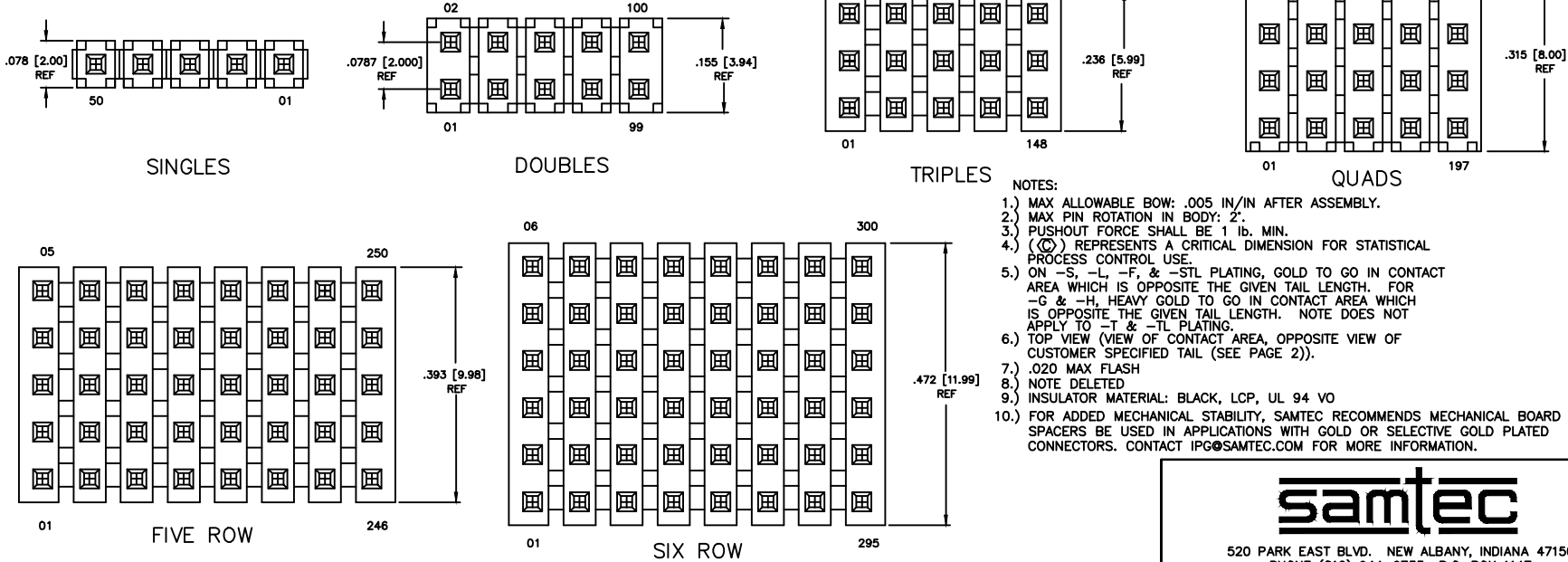
**POLARIZATION OPTION**  
SPECIFY POS. TO BE REMOVED (SEE FIGURE 1)

**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)



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

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