



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

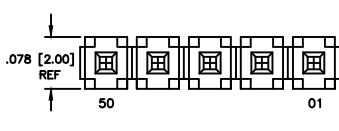
SPACE OPTION

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

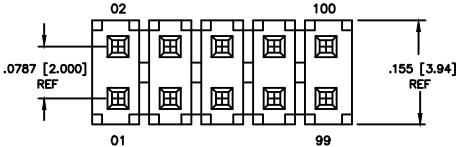
ROW OPTION

- 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)

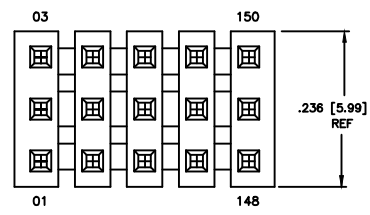
FIG 1
SCALE: .75x
(SEE NOTE 6)



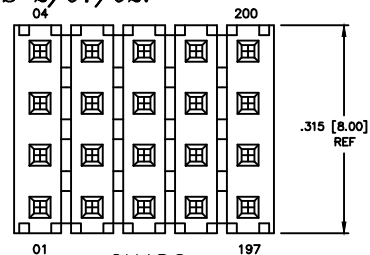
SINGLES



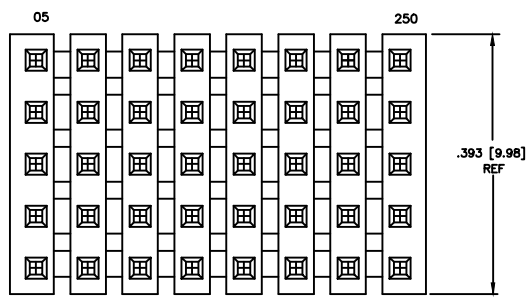
DOUBLES



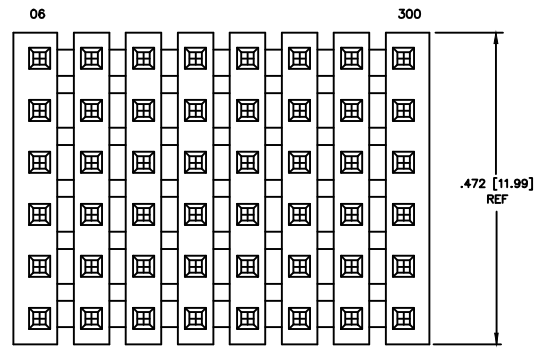
TRIPLES



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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