

REVISION BG

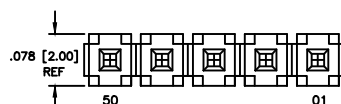
DO NOT SCALE
FROM THIS PRINTUNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES TOLERANCES ARE:ONE PLACE DECIMALS $\pm .1$ [2.54mm] THREE PLACE DECIMALS $\pm .005$ [0.13mm]
TWO PLACE DECIMALS $\pm .01$ [0.25mm] FOUR PLACE DECIMALS $\pm .0020$ [0.05mm]TITLE: HIGH TEMP
2mm
TERMINAL STRIP
(BOARD STACKING)DWG NO:
TW-XX-XX-X-X-XXX-XXX-XXX-XX
SHEET 1 OF 3

TABLE 1

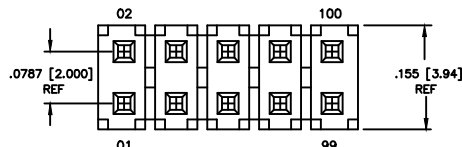
LEAD STYLE	TERMINAL	"L"		"C"	
		OVERALL LENGTH			
-01	T-1S13-20-X-2	.3228	8.199	.100	2.54
-02	T-1S13-02-X-2	.3770	9.576	.150	3.81
-03	T-1S13-03-X-2	.5347	13.581	.150	3.81
-04	T-1S13-06-X-2	.5550	14.097	.100	2.54
-05	T-1S13-09-X-2	.5940	15.088	.100	2.54
-06	T-1S13-10-X-2	.6730	17.094	.100	2.54
-07	T-1S13-11-X-2	.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.

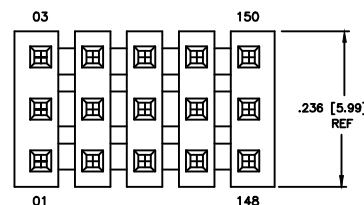
FIG 1

SCALE: .75x
(SEE NOTE 6)

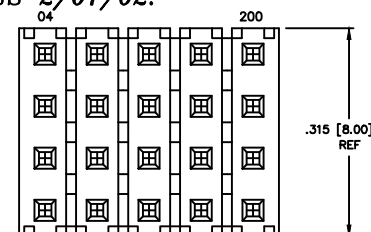
SINGLES



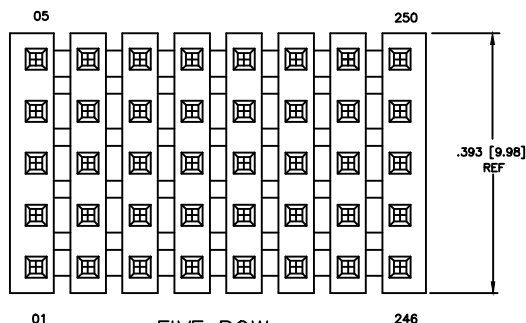
DOUBLES



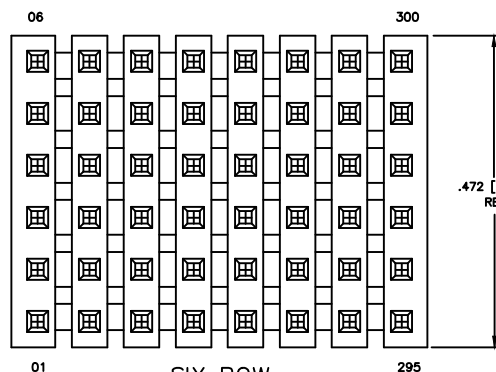
TRIPLES



QUADS



FIVE ROW



SIX ROW

FIG 1

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: 20 μ " GOLD ON CONTACT AREA, 3 μ " GOLD ON TAIL
 -T: MATTE TIN CONTACT AND TAIL
 -S: 30 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
 -L: 15 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
 -TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL
 -F: 3 μ " FLASH GOLD ON CONTACT AREA, MATTE TIN TAIL
 -H: 30 μ " GOLD ON CONTACT AREA, 3 μ " GOLD ON TAIL
 -STL: 30 μ " SELECTIVE GOLD ON CONTACT AREA, TIN/LEAD (90/10+/-5%) TAIL (-08 & -12 LEAD STYLES ONLY)
 -TM: MATTE TIN CONTACT AND TAIL
 -LM: 15 μ " SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL
 -FM: 3 μ " FLASH GOLD ON CONTACT AREA, MATTE TIN TAIL
 -SM: 30 μ " 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)

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)

** - 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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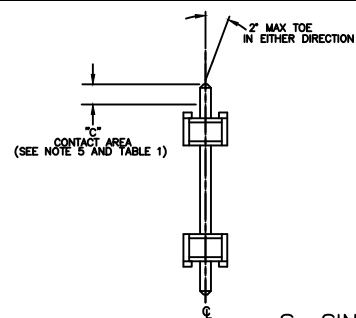
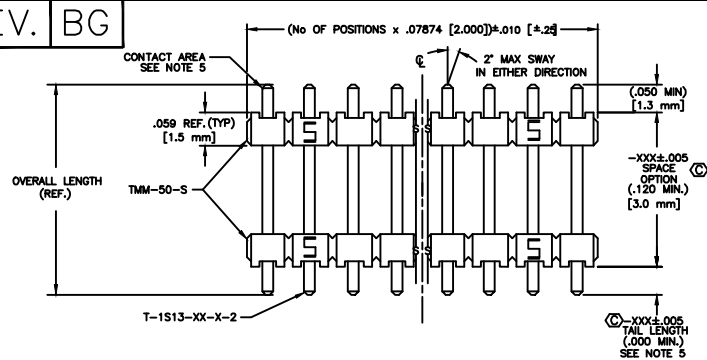
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 CODE 55322

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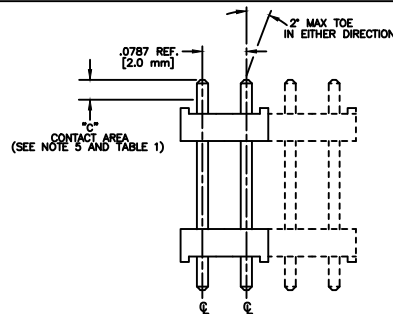
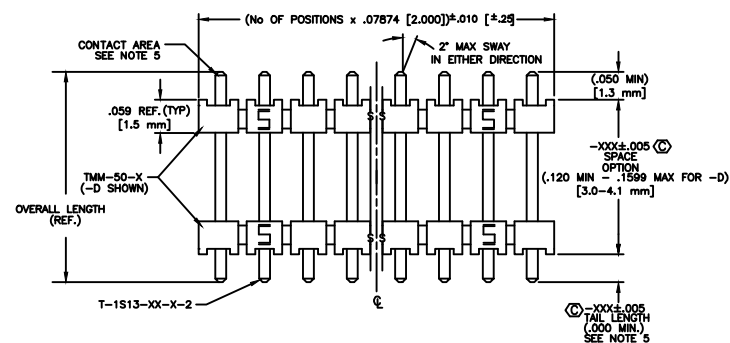
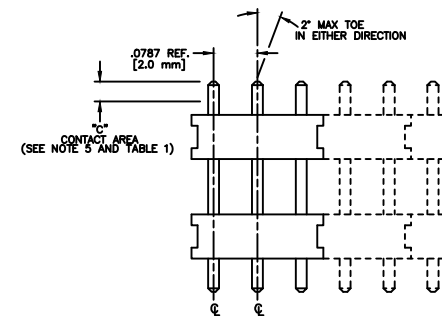
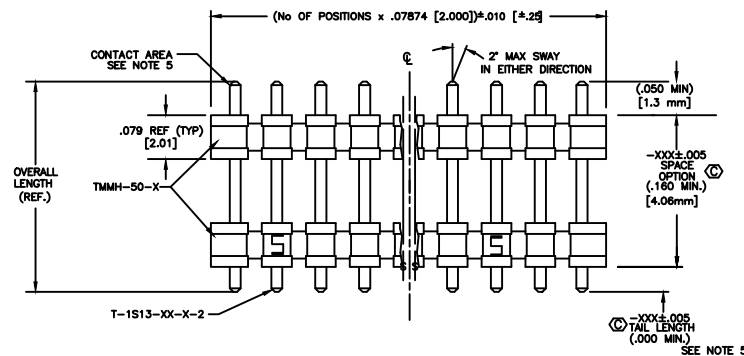
TW-XX-XX-X-X-XXX-XXX-XXX-XX
SHEET 1 OF 3MISC\MKTG
TW-XX-XX-X-X-XXX-XXX-XXX-XX-MKT1

REV. BG

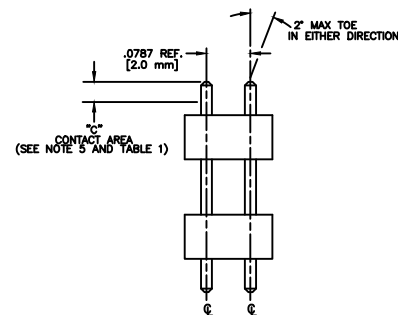
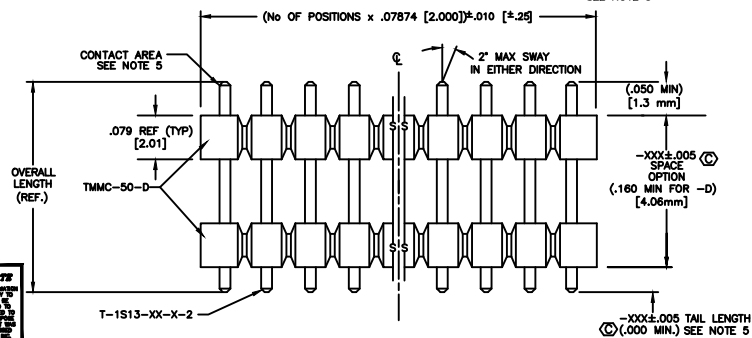


-S: SINGLES

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



-D: DOUBLE
-Q: QUAD



-D: DOUBLE

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PLOT SCALE 1=11

EXSPROD/ASSEMBLY/2MM

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CODE 55322

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

SHEET 2 OF 3

DRAWINGS ARE IN INCHES	UNLESS OTHERWISE NOTED	TERMINAL AND	TITLE: HIGH TEMP 2mm	DWG NO:
ONE PLACE DECIMALS $\pm .1 [2.54 \text{ mm}]$	THREE PLACE DECIMALS $\pm .005 [0.13 \text{ mm}]$	ANGLES $\pm 5^\circ$	TERMINAL STRIP (BOARD STACKING)	TW-XX-XX-X-X-XXX-XXX-XXX-XX
TWO PLACE DECIMALS $\pm .01 [0.25 \text{ mm}]$	FOUR PLACE DECIMALS $\pm .0001 [0.0025 \text{ mm}]$			SHEET 2 OF 3

REV. BF

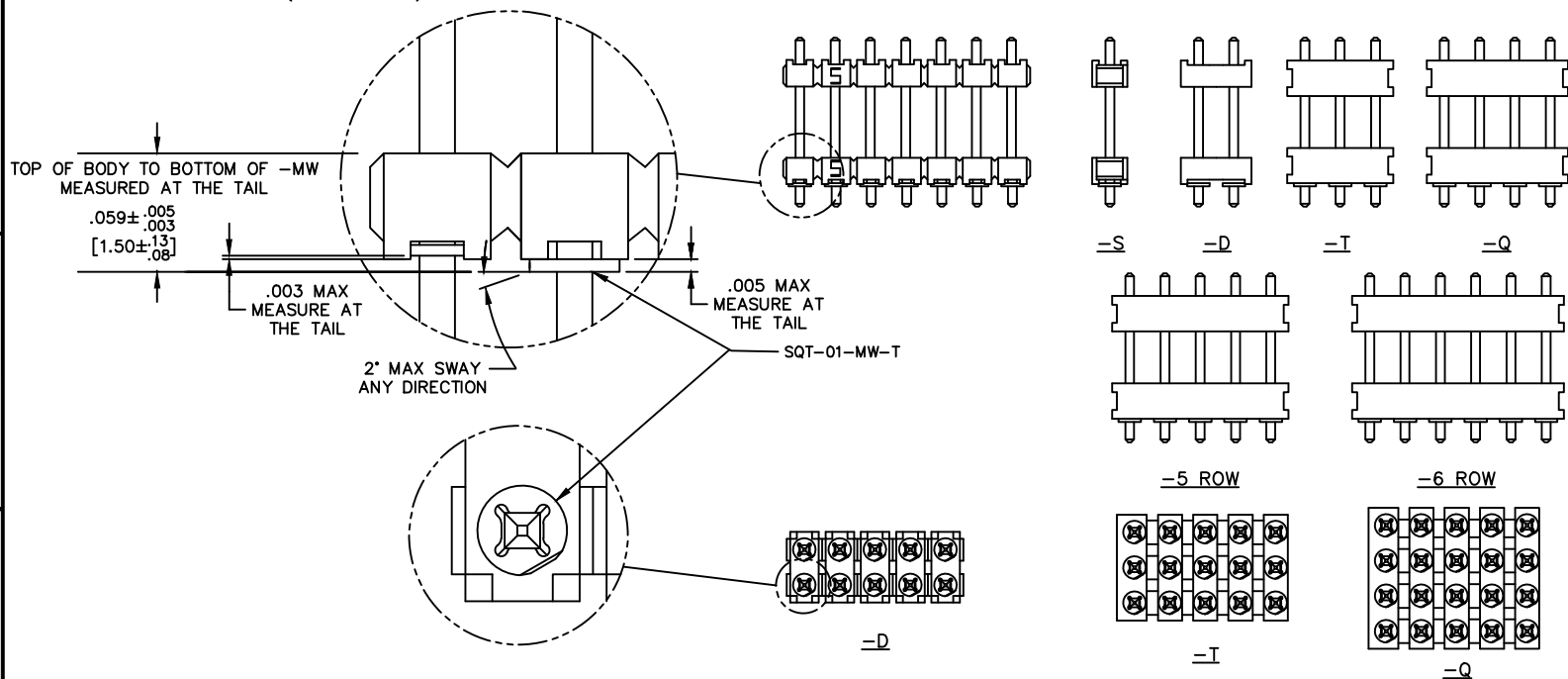
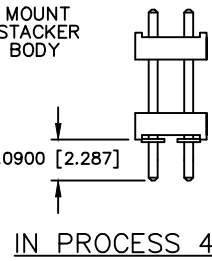
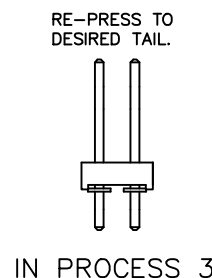
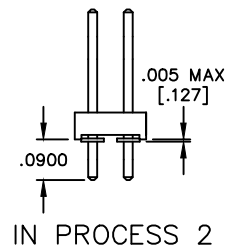
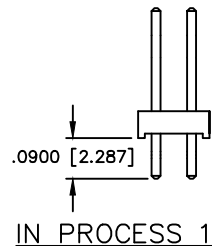
FIG 2

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

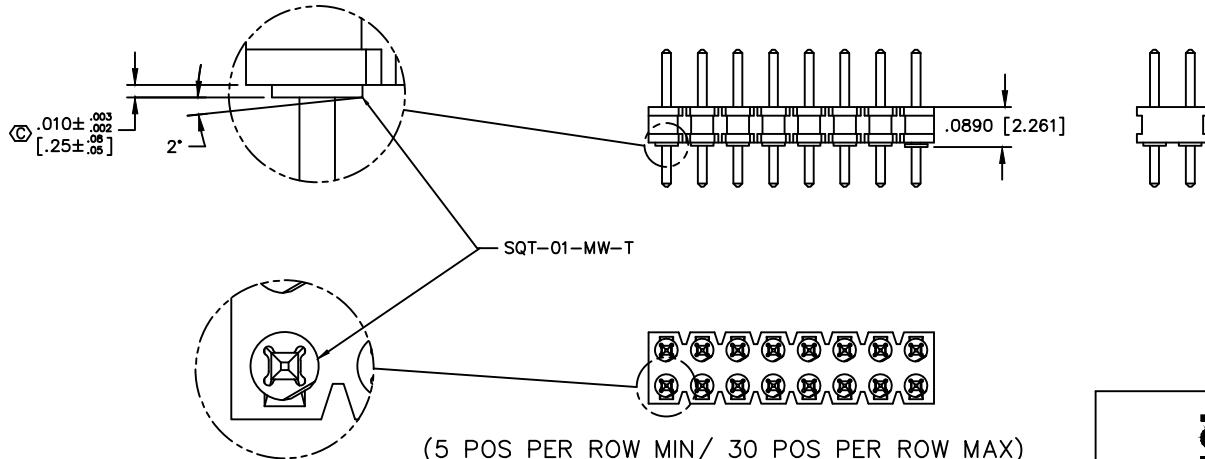
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DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
ONE PLACE DECIMALS $\pm .1$ [2.5] THREE PLACE DECIMALS $\pm .005$ [.13]
TWO PLACE DECIMALS $\pm .01$ [.25] FOUR PLACE DECIMALS $\pm .0020$ [.05]
ANGLES $\pm 2^\circ$

TITLE: 2mm
TERMINAL STRIP
ASSEMBLY

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



-MW METAL WASHERS USING TMMH OR TMMC BODY



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

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