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

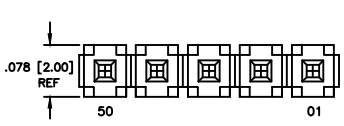
SPACE OPTION
-S,-D,-Q: (.120 MIN.)
-T,-5,-6: (.160 MIN.)
MAX = 'L' - .050

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)

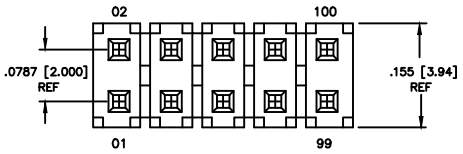
POLARIZATION OPTION
SPECIFY POS. TO BE REMOVED (SEE FIGURE 1)

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)

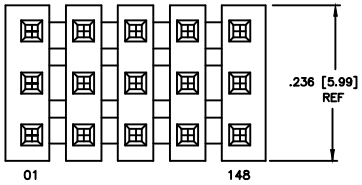
FIG 1
SCALE: .75x
(SEE NOTE 6)



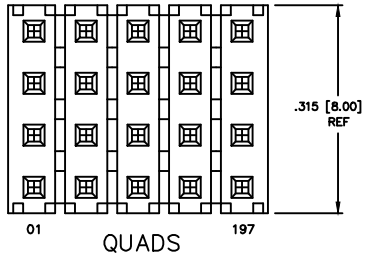
SINGLES



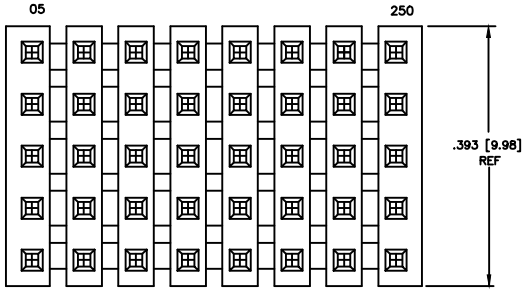
DOUBLES



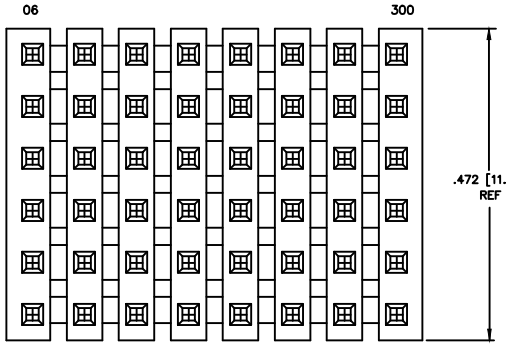
TRIPLES



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.) (Ⓒ) 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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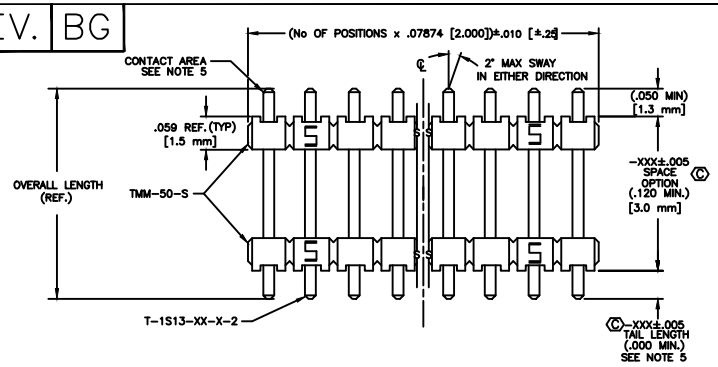
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

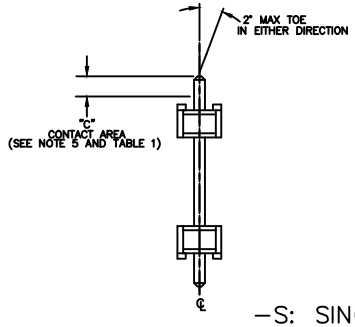
MADE BY: MATT CARTER 6-19-98

MISC\MKTG
TW-XX-XX-X-X-XXX-XXX-XXX-XX-MKT1

REV. BG

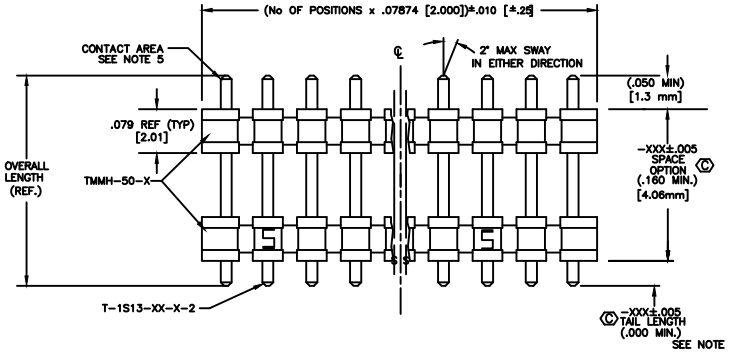
UNLESS OTHERWISE NOTED			TITLE: HIGH TEMP 2mm TERMINAL STRIP (BOARD STACKING)	DWG NO: TW-XX-XX-X-X-XXX-XXX-XXX-XX
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:			SHEET 2 OF 3
ONE PLACE DECIMALS ± .1[2.54mm] THREE PLACE DECIMALS ± .005[.13mm]		ANGLES ± 5°		
TWO PLACE DECIMALS ± .01[.25mm] FOUR PLACE DECIMALS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

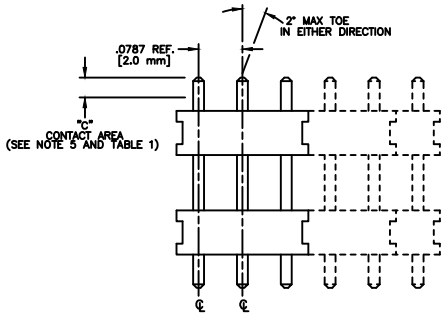


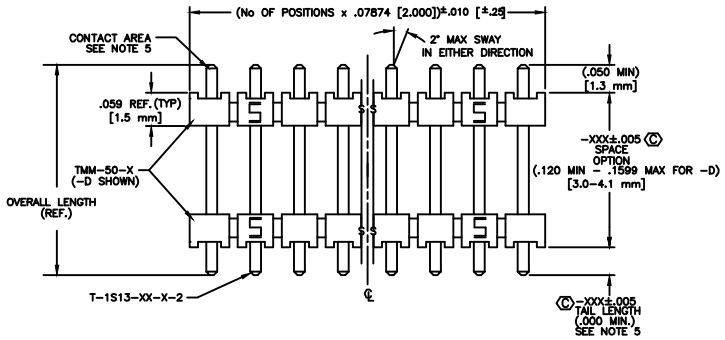


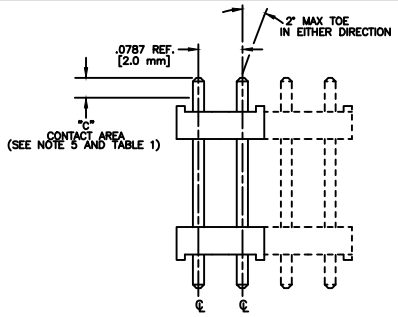
-S: SINGLES

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

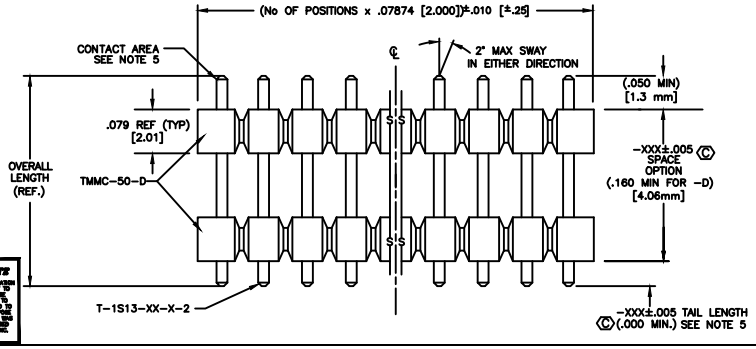


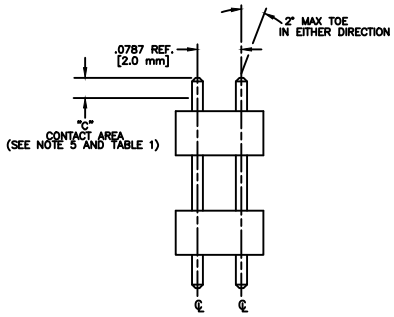






-D: DOUBLE
-Q: QUAD





-D: DOUBLE

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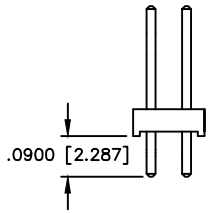
PLOT SCALE 1=.11
EXISPROD\ASSEMBLY\2MM TW-ASM2

samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

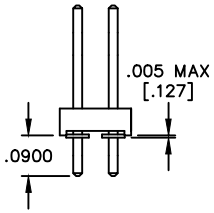
MADE BY MATT CARTER 6-19-98

TW-XX-XX-X-X-XXX-XXX-XXX-XX
SHEET 2 OF 3

REV. BF

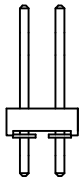


IN PROCESS 1

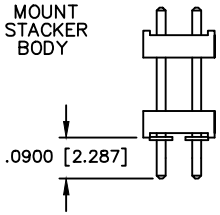


IN PROCESS 2

RE-PRESS TO DESIRED TAIL.



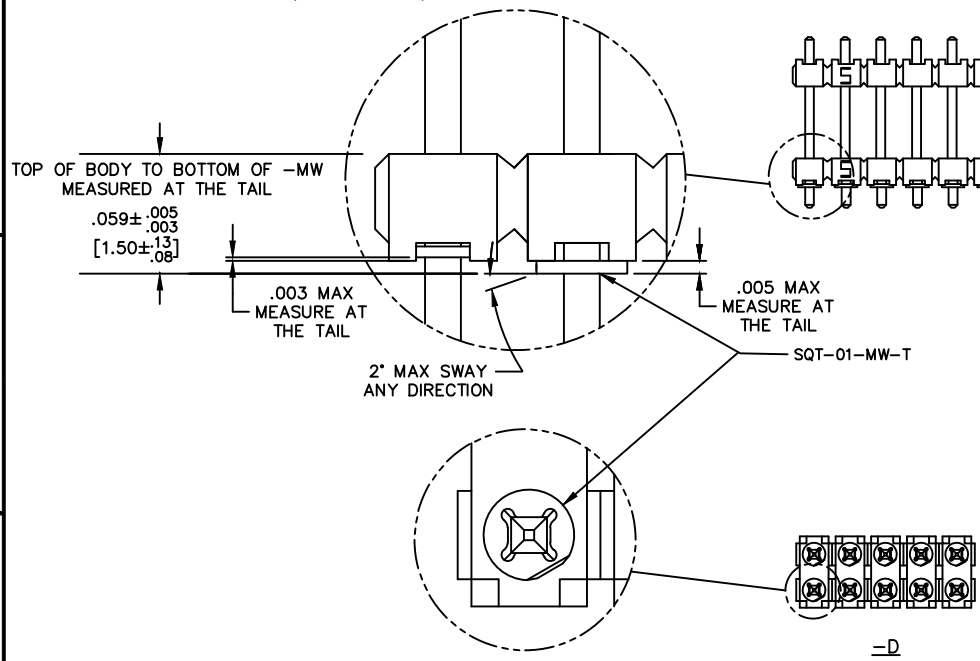
IN PROCESS 3

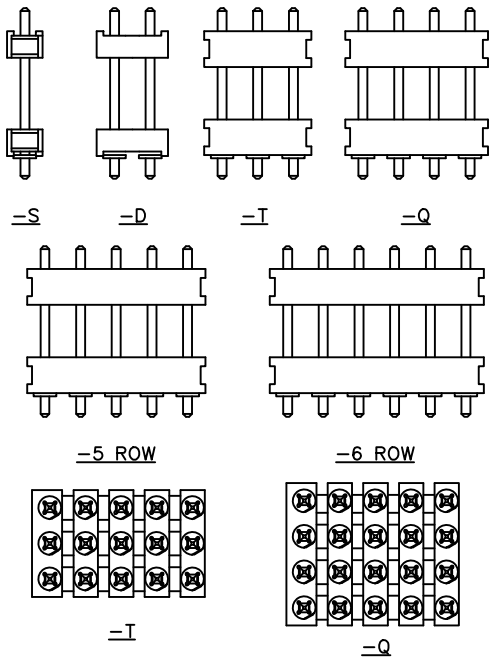


IN PROCESS 4

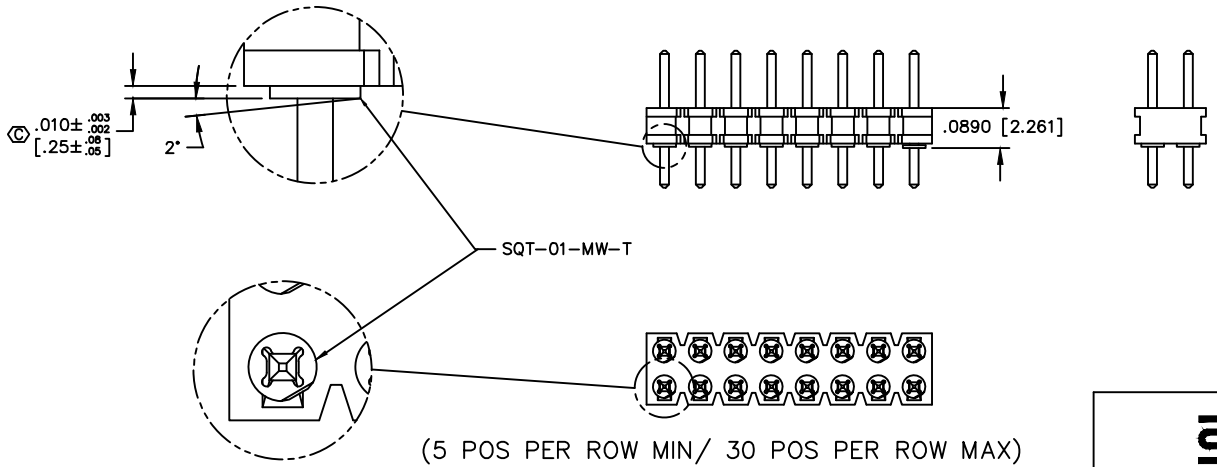
FIG 2

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





–MW METAL WASHERS USING TMMH OR TMMC BODY



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

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		TITLE: 2mm TERMINAL STRIP ASSEMBLY	DWG NO: TW-XX-XX-X-X-XXX-XXX-XXX-XX
ONE PLACE DECIMALS ±.1[2.5] THREE PLACE DECIMALS ± .005 [.13] TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.05]	ANGLES ± 2°		SHEET 3 OF 3

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EXISPROD\ASSEMBLY\2MM TW–ASM3

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REIDINGER 11–2–90	TW-XX-XX-X-X-XXX-XXX-XXX-XX SHEET 3 OF 3