DO NOT SCALE FROM THIS PRINT TWO PLACE DECIMALS  $\pm .01[.25\text{mm}]$  FOUR PLACE DECIMALS  $\pm .0020[.05\text{mm}]$ 

DIMENSIONS ARE IN INCHES TOLERANCES ARE: ONE PLACE DECIMALS  $\pm .1[2.54$ mm] THREE PLACE DECIMALS  $\pm .005[.13$ mm]

TITLE: HIGH TEMP TERMINAL STRIP (BOARD STACKING) ANGLES ± 5°

 $\mathsf{TW} - \mathsf{XX} - \mathsf{XX} - \mathsf{X} - \mathsf{X} - \mathsf{X} - \mathsf{XXX} - \mathsf{XXX} - \mathsf{XXX} - \mathsf{XXX}$ SHEET 1 OF 3

DWG NO:

TABLE ", \_ ", TERMINAL OVERALL LENGTH [8.199] [2.54].3228 .100  $-01 \mid T-1S13-20-X-2$ .150 9.576  $-02 \mid T-1S13-02-X-2$ 13.581 150  $-03 \mid T-1S13-03-X-2 \mid$ 14.097 .100  $-04 \mid T-1S13-06-X-2 \mid$ 15.088 .100 T-1S13-09-X-2.5940 17.094 .100  $-06 \mid T-1S13-10-X-2 \mid$ .6730  $-07 \mid T-1S13-11-X-2$ 21.082 -08 T-1S13-12-X-2T-1S13-13-X-2 11.582 .100 .100 15.596 .6140 T-1S13-14-X-210.084 .100 T-1S13-05-X-22.54 -12 | T-1S13-16-X-2 | 1.110

NOTE: LEAD STYLE -08 & -12 NOT AVAILABLE IN -T, -Q-5 & 6 ROW OPTION.

TW-XX-XX-X-X-XXX-XXX-XXX-XXXNo. OF POSITIONS — EXPRESSED IN # OF POS. -01 THRU -50 "XX"= No. OF POS. X .07874 [2.00] LEAD STYLE -(SEE TABLE 1) (SEE \*NOTE)

UNLESS OTHERWISE NOTED

-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

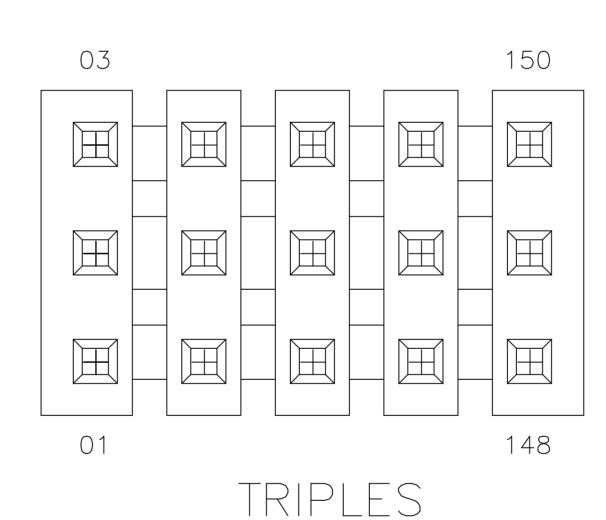
-SM: 30µ" SELECTIVE GOLD ON CONTACT AREA, MATTE TIN TAIL

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

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



SINGLES

FIG

SCALE: .75x

(SEE NOTE 6)

DOUBLES

NOTES:

) MAX ALLOWABLE BOW: .005 IN/IN AFTER ASSEMBLY.

REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL

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

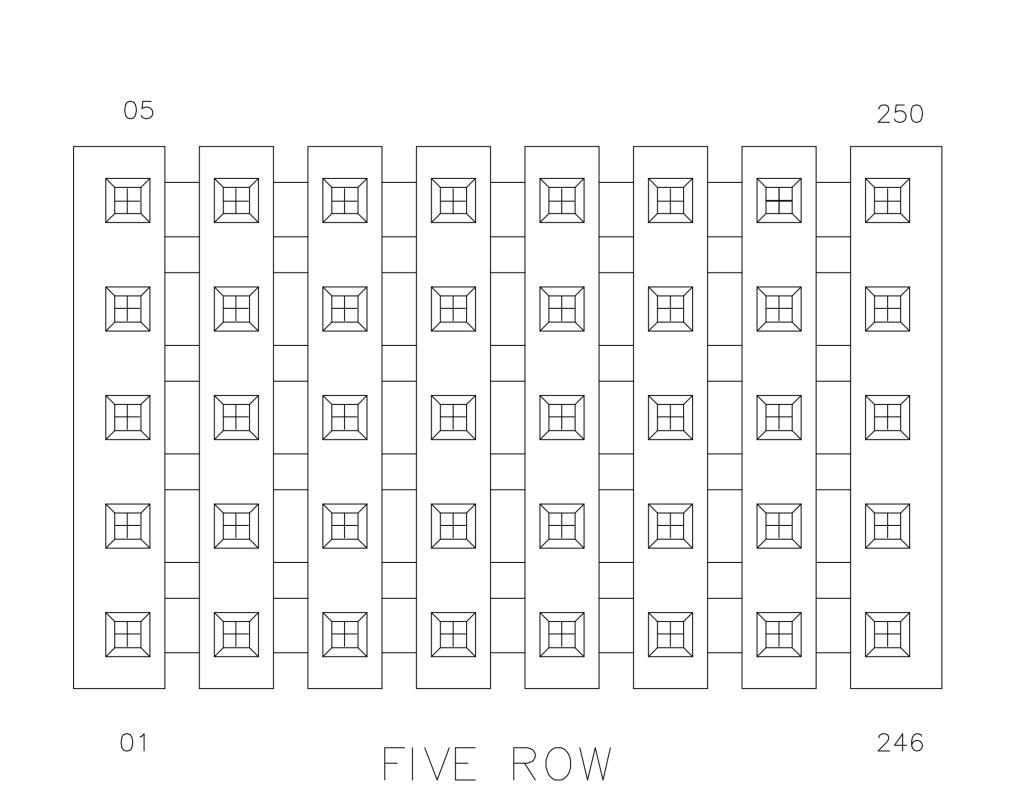
10.) FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.



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 1 OF 3



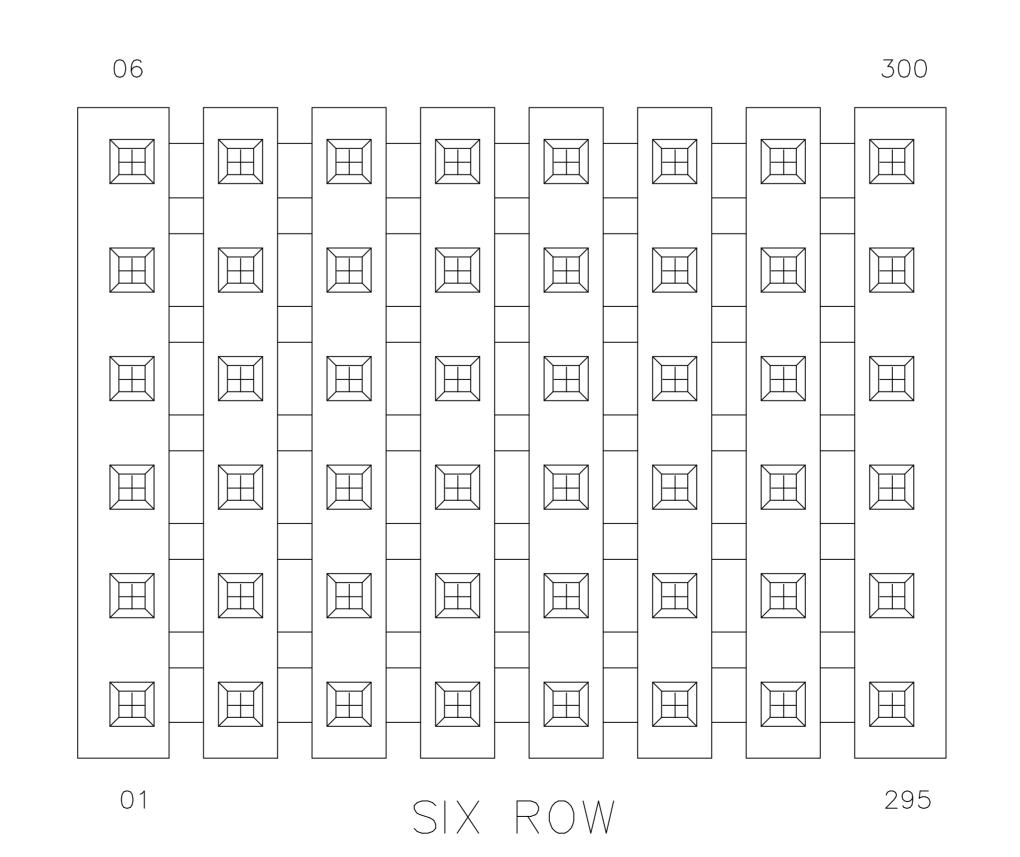


FIG 1

PROPRIETARY NOTE HIS DOCUMENT CONTAINS INFORMATION SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER THAN THAT FOR WHICH IT WAS

OBTAINED WITHOUT THE EXPRESSED

WRITTEN CONSENT OF SAMTEC INC.