

REVISION CN
DO NOT SCALE FROM THIS PRINT

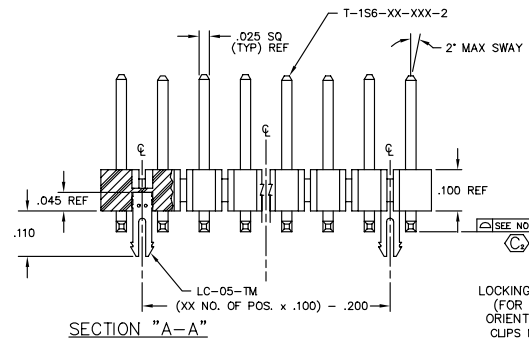
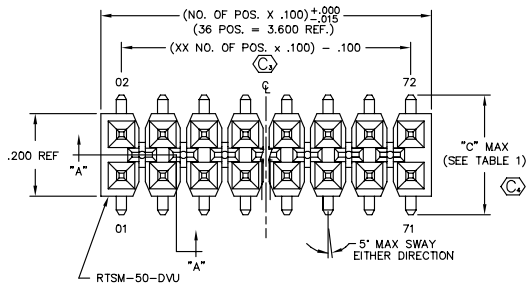
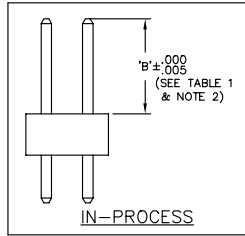


FIG. 1
LOCKING CLIP OPTION SHOWN
(FOR STANDARD OPTION,
ORIENT CAVITY AS SHOWN)
CLIPS N/A WITH -A OPTION.



UNLESS OTHERWISE NOTED TOLERANCES ARE:
ONE PLACE DECIMALS ±.1 THREE PLACE DECIMALS ± .005 ANGLES ± 2'
TWO PLACE DECIMALS ±.01 FOUR PLACE DECIMALS ± .0020

TITLE: DOUBLE ROW, GULLWING ASM.
DWG NO: TSM-1XX-XX-XX-XX-X-XXX-X
SHEET 1 OF 2

TSM-1XX-XX-XXX-XX-X-XXX-X

NO. OF POSITIONS
-02 THRU -50
-TM/-TV (-02 THRU -30 ONLY)

LEAD STYLE
(SEE TABLE 1)

PLATING SPEC.
-T: TIN -SPECIFY -T IN TERMINAL SUFFIX -X
-S: SELECTIVE -SPECIFY -S IN TERMINAL SUFFIX -X
-G: GOLD -SPECIFY -G IN TERMINAL SUFFIX -X
-L: SELECTIVE -SPECIFY -L IN TERMINAL SUFFIX -X
-TL: TIN/LEAD -SPECIFY -TL IN TERMINAL SUFFIX -XX (AVAILABLE ONLY ON LEAD STYLES -01, -02 & -04)
-STL: SELECTIVE TIN/LEAD -SPECIFY -STL IN TERMINAL SUFFIX -XXX (AVAILABLE ONLY ON LEAD STYLES -01, -02 & -04)
-F: FLASH SELECTIVE -SPECIFY -F IN TERMINAL SUFFIX -X
-H: HEAVY GOLD -SPECIFY -H IN TERMINAL SUFFIX -X
-P: GOLD FLASHED PALLADIUM NICKEL -SPECIFY -P IN TERMINAL SUFFIX -X
-TM: MATTE TIN -SPECIFY -TM IN TERMINAL SUFFIX -XX
-SM: SELECTIVE HEAVY GOLD, MATTE TIN TAIL -SPECIFY -SM IN TERMINAL SUFFIX -XX
-LM: SELECTIVE LIGHT GOLD, MATTE TIN TAIL -SPECIFY -LM IN TERMINAL SUFFIX -XX
-FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL -SPECIFY -FM IN TERMINAL SUFFIX -XX

MOUNT STYLE
-DV: DOUBLE VERTICAL
-TV: TRIPLE VERTICAL
(USE HTSW-50-T-LCP)
* -TM: TRIPLE MIXED TECHNOLOGY (USE HTSW-50-T-LCP)
* = USE -01 LEAD STYLE ONLY

OPTION #2
(OPTIONS N/A FOR -TV AND -TM MOUNT STYLES)
-P: PICK & PLACE PAD (AVAILABLE ON POS -02 & -03 WITH -TR OPTION ONLY. SEE NOTE 8)
-M: METAL PICK & PLACE PAD (LEAD STYLES -01 & -04 ONLY) (AVAILABLE ON POS -04 THRU 36) (AVAILABLE ON POS -02 & -03 WITH -TR OPTION ONLY. SEE NOTE 8) (NOT RECOMMENDED FOR -T OR -TM PLATING)
-TR: TAPE AND REEL (SEE FIG 7) (-02 THRU -28 POS)

OPTION #3
POLARIZED POSITION
SPECIFY OMITTED PIN

OPTION #1 (SEE FIG 1)
(AVAILABLE FOR -DV MOUNT STYLE ONLY)
-LC: LOCKING CLIP (USE LC-05-TM(03-36 POS USE 2 PER STRIP) (02 POS USE 1 PER STRIP) (USE RTSM-XX-DVU))
-A: ALIGNMENT PIN (SEE FIG 2) (FOR STAKED, USE RTSM-50-DVU-XX BODY) LEAVE BLANK FOR NO HOLD DOWN OPTION (USE RTSM-50-DVU SEE FIG. 1, CAN BE CUT TO POSITION)

TABLE 1

LEAD STYLE	MOUNT STYLE	"B"	"C" MAX (C)	"D"	TERMINAL	OVERALL PIN LENGTH (REF)
-01	-DV	.230	.303	.280	T-156-16-X-2	.445 [11.30] REF
-01	-TM, -TV	.230	.303	-	T-156-17-X-2	.480 [12.19] REF
-02	-DV	.320	.293	.370	T-156-08-X-2	.530 [13.46] REF
-03	-DV	.420	.293	.470	T-156-15-X-2	.630 [16.00] REF
-04	-DV	.120	.303	.270	T-156-21-X-2	.335 [8.51] REF
-05	-DV	.075	.323	.270	T-156-18-X-2	.300 [7.62] REF

FIG. 2
-A: ALIGNMENT PIN OPTION
DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG. 1.

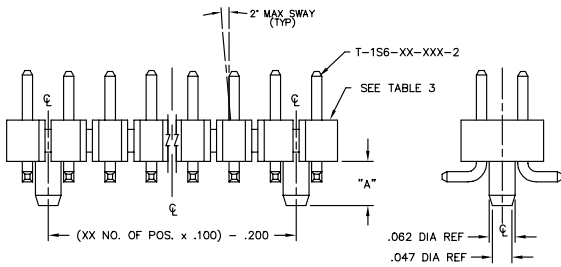
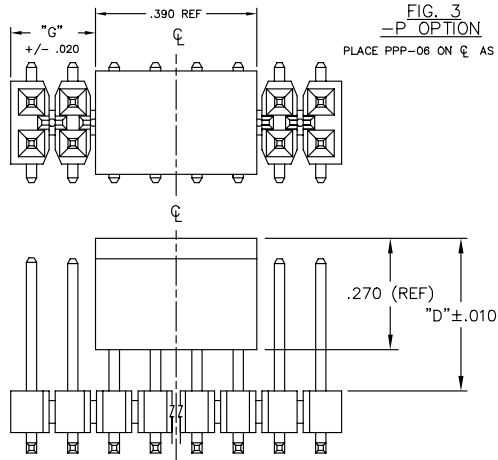


TABLE 3

	"A"	BODY	MIN # OF POS
MOLDED	.100 REF	RTSM-50-DVU-XX	2
* STAKED	.100 ± .005	RTSM-50-DVU	5

* = USE TWO SM-AH'S

FIG. 3
-P OPTION
PLACE PPP-06 ON C AS SHOWN



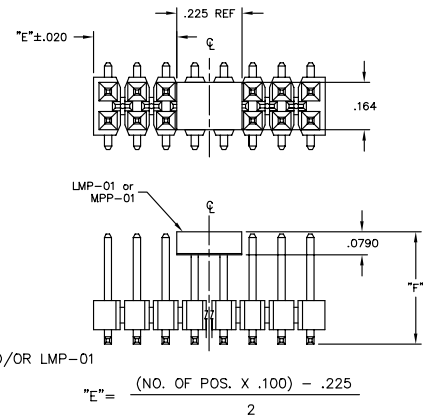
"G" ± .020 = (NO. OF POS. X .100) - .390
2

FIG. 4
-M OPTION
SCALE .7X
PLACE LMP-01 or MPP-01 ON C AS SHOWN

TABLE 2

LEAD STYLE	"F"
-01	.388
-04	.278

NOTE:
HAND FILL- USE MPP-01 AND/OR LMP-01
MACHINE FILL- USE LMP-01



MATERIAL:
INSULATOR:
LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS:
PHOSPHER BRONZE

EXISTPROD/ASSEMBLY 100
TSM-DVAM1
samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 P.O. BOX 1147
CODE 55322

MADE BY: BRYANT 4-24-91 TSM-1XX-XX-XX-XX-X-XXX-X SHEET 1 OF 2

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS SAMTEC
UNCLASSIFIED AND PROPRIETARY
INFORMATION. IT IS THE PROPERTY
OF SAMTEC AND IS LOANED TO YOUR
COMPANY BY SAMTEC. IT IS TO BE
USED ONLY FOR THE PURPOSES
SPECIFIED IN THE ORDER. IT IS NOT
TO BE REPRODUCED, COPIED,
DISTRIBUTED, OR DISCLOSED TO
ANY OTHER PARTY WITHOUT THE
WRITTEN CONSENT OF SAMTEC, INC.