

REVISION CR

DO NOT SCALE FROM THIS PRINT

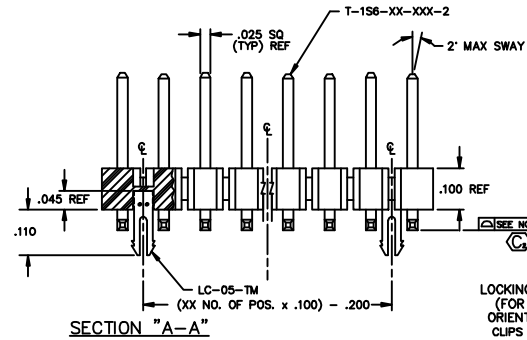
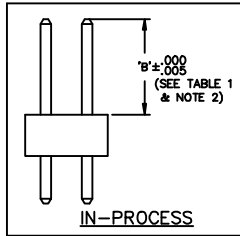
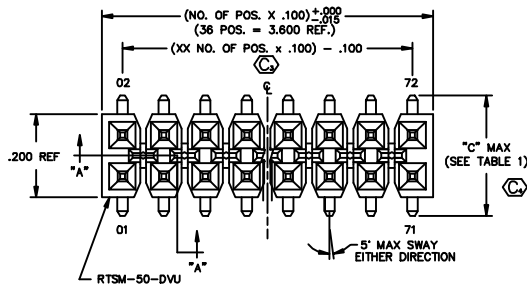


FIG. 1
LOCKING CLIP OPTION SHOWN
(FOR STANDARD OPTION,
ORIENT CAVITY AS SHOWN)
CLIPS N/A WITH -A OPTION.

ONE PLACE DECIMALS ±.1	THREE PLACE DECIMALS ± .005	ANGLES ± 2'	TITLE: DOUBLE ROW, GULLWING ASM.	DWG NO: TSM-1XX-XX-XXX-XX-X-XXX-X
TWO PLACE DECIMALS ±.01	FOUR PLACE DECIMALS ± .0020			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-LOP) (SEE NOTE 11)
- * -TM: TRIPLE MIXED TECHNOLOGY (USE HTSW-50-T-LOP)

* = USE -01 LEAD STYLE ONLY

OPTION #3
(OPTIONS N/A FOR -TV AND -TM MOUNT STYLES)
-P: PICK & PLACE PAD (USE PPP-06 (SEE FIG. 3) (AVAILABLE ON POS -04 THRU 36) (AVAILABLE ON POS -02 & -03 WITH -TR OPTION ONLY, SEE NOTE 8)
-M: METAL PICK & PLACE PAD (USE LMP-01 or MPP-01 (SEE FIG. 4) (NOT RECOMMENDED FOR -F OR -FM PLATING)) (LEAD STYLES -01 & -04 ONLY) (AVAILABLE ON POS -04 THRU 36) (AVAILABLE ON POS -02 & -03 WITH -TR OPTION ONLY, SEE NOTE 8)
-TR: TAPE AND REEL (SEE FIG 7) (-02 THRU -28 POS)

OPTION #2
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 MOLDED TO POSITION, USE RTSM-XX-DVU-XX BODY) (FOR BLANKED, USE RTSM-50-DVU BODY, 5 POS MIN)
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-1S6-16-X-2	.445 [11.30] REF
-01	-TM, -TV	.230	-	-	T-1S6-17-X-2	.480 [12.19] REF
-02	-DV	.320	.293	.370	T-1S6-08-X-2	.530 [13.46] REF
-03	-DV	.420	.293	.470	T-1S6-15-X-2	.630 [16.00] REF
-04	-DV	.120	.303	.270	T-1S6-21-X-2	.335 [8.51] REF
-05	-DV	.075	.323	.270	T-1S6-18-X-2	.300 [7.62] REF

FIG. 2
-A: ALIGNMENT PIN OPTION

DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG. 1.

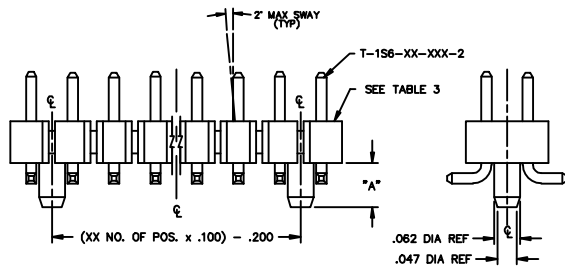


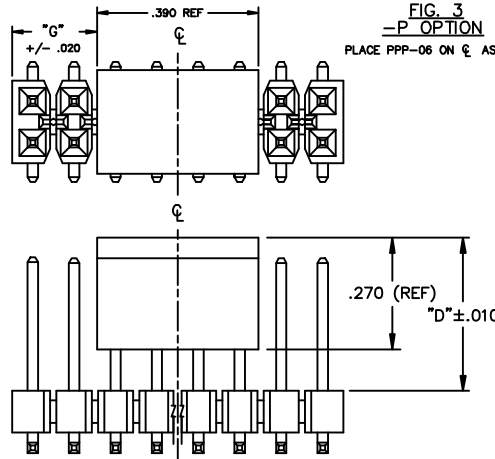
TABLE 3

	"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 ☉ AS SHOWN



"G" +/- .020 = $\frac{(\text{NO. OF POS. X .100}) - .390}{2}$

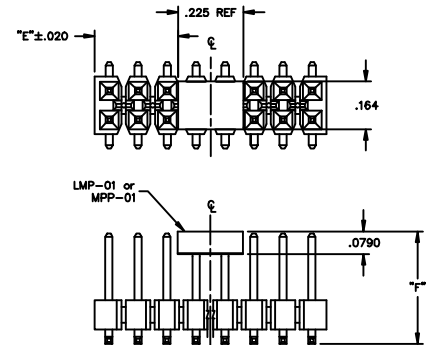
FIG. 4
-M OPTION

SCALE .7X
PLACE LMP-01 or MPP-01 ON ☉ 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



"E" = $\frac{(\text{NO. OF POS. X .100}) - .225}{2}$

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAMTEC CORPORATION.

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

EXISTING PROD. ASSEMBLY 100 TSM04V01
samtec
820 PARK EAST BLVD., NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 F.O. BOX 1147
CODE 85322

MADE BY: BRYANT 4-24-81

TSM-1XX-XX-XXX-XX-X-XXX-X
SHEET 1 OF 2