

REVISION CT
DO NOT SCALE
FROM THIS PRINT

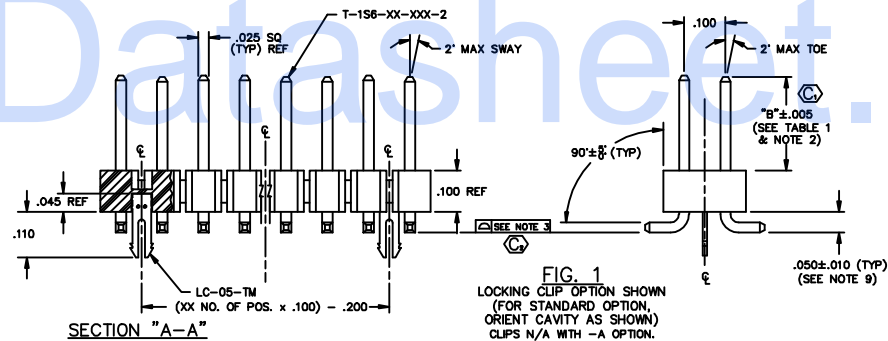
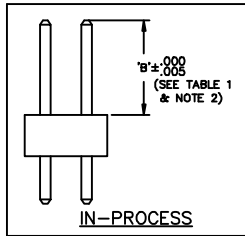
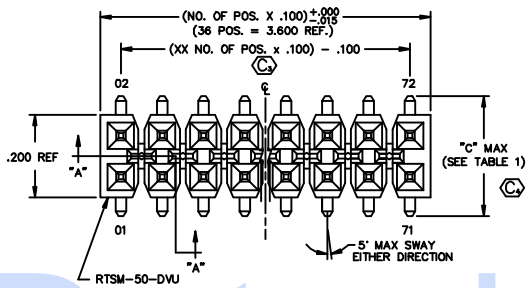


FIG. 1
LOCKING CLIP OPTION SHOWN
(FOR STANDARD OPTION,
ORIENT CAVITY AS SHOWN)
CLIPS N/A WITH -A OPTION.

DOUBLE ROW,
GULLWING ASM.
TSM-1XX-XX-XXX-XX-X-XXX-X
SHEET 1 OF 2

TERMINAL AND TOLERANCES ARE IN INCHES
ONE PLACE DECIMALS ±.1
TWO PLACE DECIMALS ±.01
THREE PLACE DECIMALS ±.005
FOUR PLACE DECIMALS ±.0020
ANGLES ± 2°

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 #1
(OPTIONS N/A FOR -TV AND AND -TM MOUNT STYLES)
-P: PICK & PLACE PAD (USE MPP-06 (SEE FIG. 3) (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 -P OR -SM 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
(AVAILABLE FOR -DV MOUNT STYLE ONLY)

OPTION #3 (SEE FIG. 1)
-LC: LOCKING CLIP (USE LC-05-TM/03-36 POS USE 2 PER STRIP) (02 POS USE 1 PER STRIP) (USE RTSM-XX-DVU) (SEE NOTE 12)
-A: ALIGNMENT PIN (SEE FIG. 2) (FOR MOLDED TO POSITION, USE RTSM-XX-DVU-XX BODY) (FOR STAKED, 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	"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.

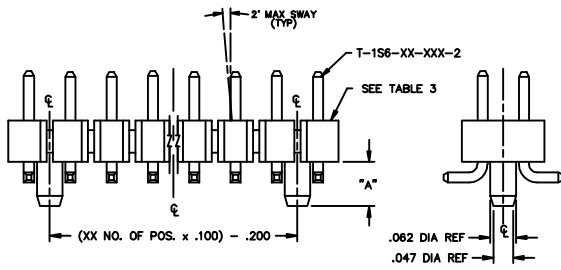
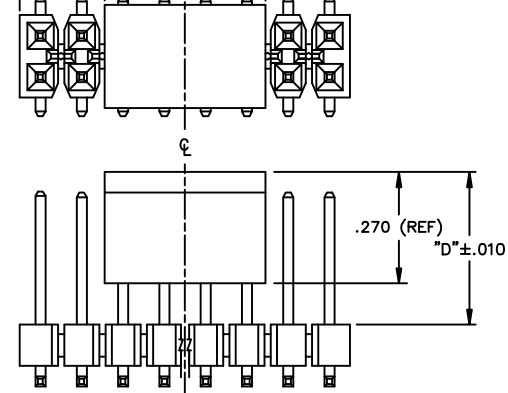


TABLE 3

	"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 Q AS SHOWN



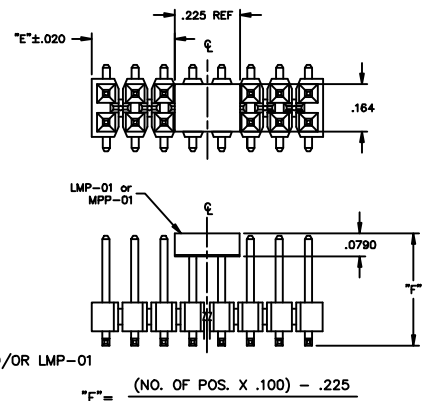
"G" +/- .020 = $\frac{(\text{NO. OF POS. X .100}) - .390}{2}$

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

TABLE 2

LEAD STYLE	"F"
-01	.368
-04	.278

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



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

PROPRIETARY NOTE
THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. DATE OF DECLASSIFICATION IS INDEFINITE.

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

EXISTING ASSEMBLY 100
T50V04T1
samtec
820 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 844-8733 P.O. BOX 1147
CODE 88322
MFG BY BRYANT 4-24-01 TSM-1XX-XX-XXX-XX-X-XXX-X
SHEET 1 OF 2