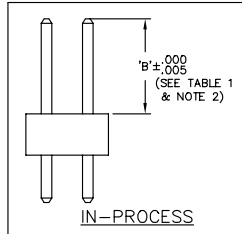
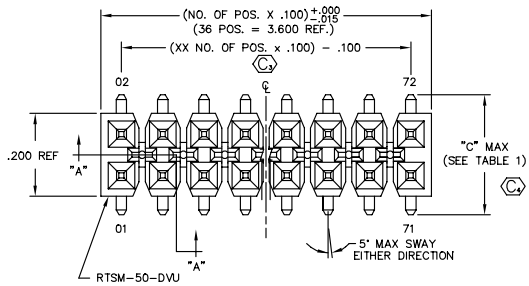


REVISION CJ

DO NOT SCALE
FROM THIS PRINT



ONE PLACE DECIMALS ±.1	TWO PLACE DECIMALS ±.01	THREE PLACE DECIMALS ±.005	FOUR PLACE DECIMALS ±.0020	ANGLES ± 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 #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)
WITH -TR OPTION ONLY, SEE NOTE 8)
-M: METAL PICK & PLACE PAD
USE LMP-01 or MPP-01 (SEE FIG. 4)
(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 ORIENTED 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 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-156-16-X-2	.445 [11.30] REF
-01	-TM, -TV	.230	-	-	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.

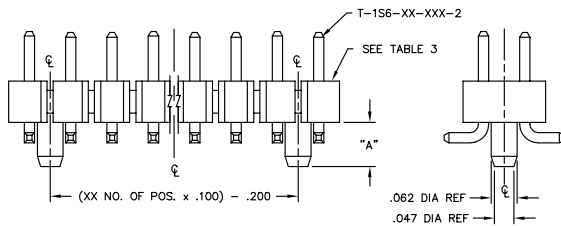
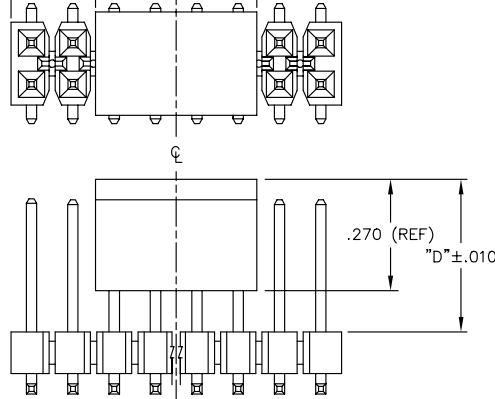


TABLE 3

	"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 Q AS SHOWN

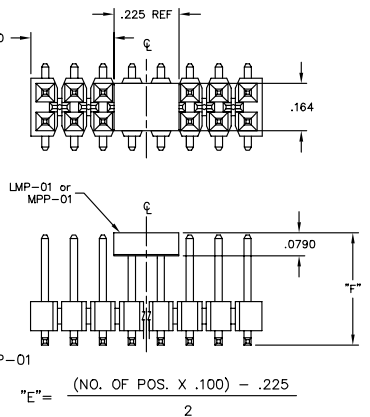


$$"G" +/- .020 = \frac{(\text{NO. OF POS. X .100}) - .390}{2}$$

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

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:
PHOSPHOR BRONZE

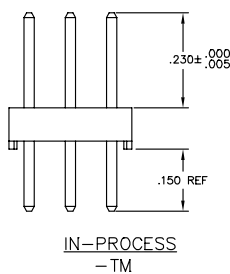
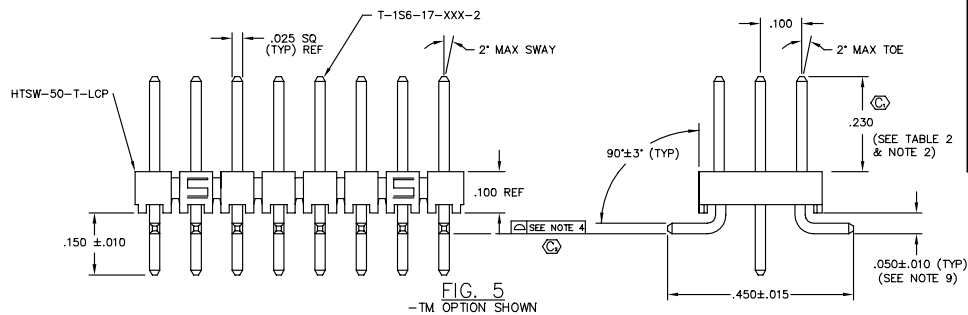
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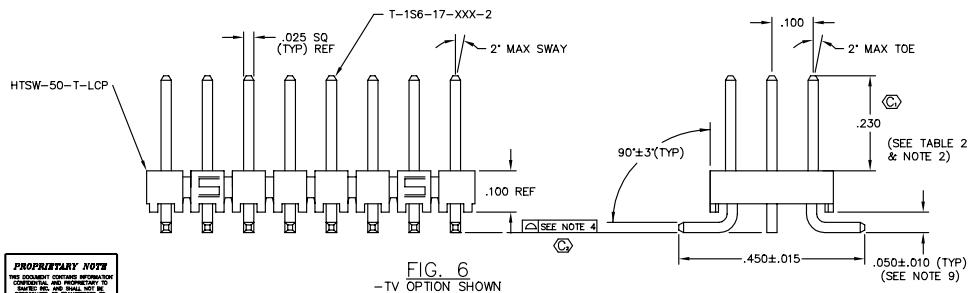
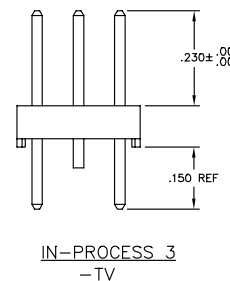
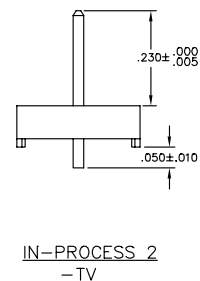
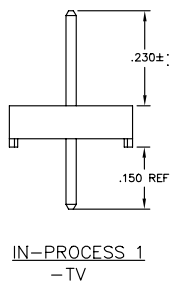
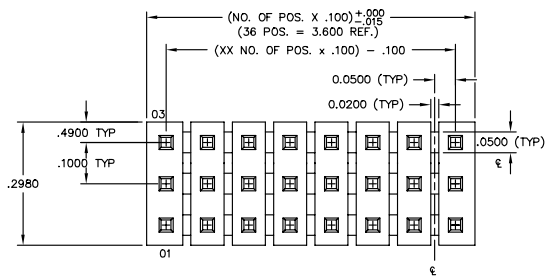
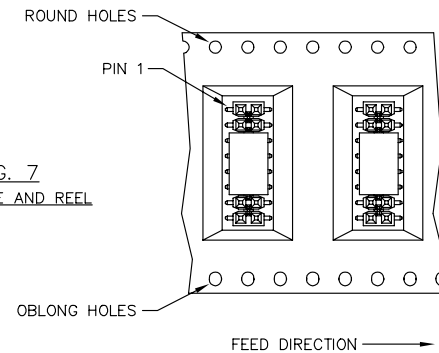
EXISTS PROCE/ASSEMBLY 100
TSMVAM1

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

REV	CJ
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UNLESS OTHERWISE NOTED			TITLE: DOUBLE ROW, GULLWING ASM.	DWG NO: TSM-1XX-XX-XXX-XX-X-XXX-X SHEET 2 OF 2
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:	ANGLES ± 2°		
ONE PLACE DECIMALS ±.1 TWO PLACE DECIMALS ±.01	THREE PLACE DECIMALS ± .005 FOUR PLACE DECIMALS ± .0020			

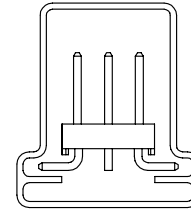
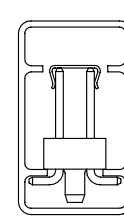
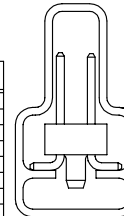


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PACKAGE AS SHOWN
TABLE 4

LEAD STYLE	MOUNT STYLE	OPTION	TUBE	PLUG	NOTE
01, 02, 04, 05	-DV	NONE	PT-1-24-01-29	TP-03	7
01, 02	-DV	-LC, -A	PT-1-24-01-29	TP-03	7
01, 04, 05	-DV	-P	PT-1-24-06-29	TP-03	7
01, 04, 05	-DV	-LC-P, -A-P	PT-1-24-06-29	TP-03	7
02	-DV	-P	PT-1-24-15-29	TP-03	7
02	-DV	-LC-P, -A-P	PT-1-24-15-29	TP-03	7
03	-DV	NONE	PT-1-24-09-29	TP-03	7
03	-DV	-LC, -A	PT-1-24-09-29	TP-03	7
03	-DV	-P	PT-1-24-16-29	TP-03	7
03	-DV	-LC-P, -A-P	PT-1-24-16-29	TP-03	7
04, 05	-DV	-A, -LC	PT-1-24-03-15	TP-03	7
04	-DV	-M, -LC-M, -A-M	PT-1-24-03-15	TP-03	7
01	-DV	-M, -LC-M, -A-M	PT-1-24-06-29	TP-03	7
04, 05	-DV	-LC-A-M	PT-1-24-03-15	TP-03	7
01	-TM	NONE	PT-1-24-02-08	TP-13	7
01	-TV	NONE	PT-1-24-01-70	TP-07	7

SCALE: .75x



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