

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

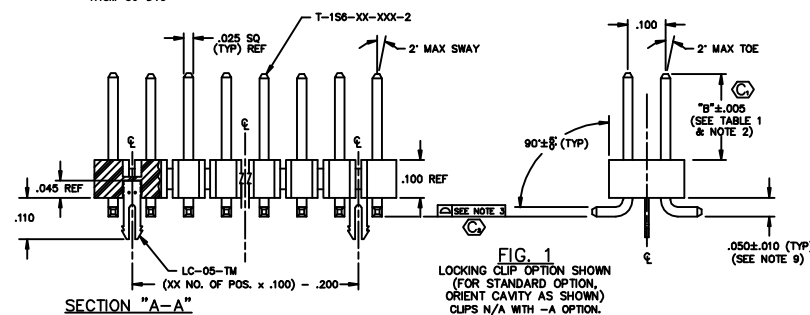
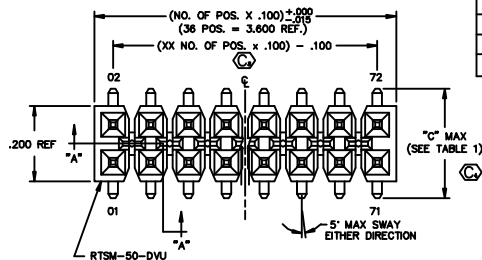
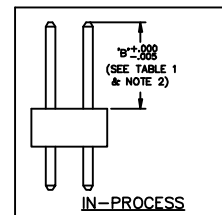


FIG. 1
LOCKING CLIP OPTION SHOWN
(FOR STANDARD OPTION,
ORIENT CAVITY AS SHOWN)
CLIPS N/A WITH -A OPTION.

(VALUES GIVEN ARE IN MICRO-INCHES)

-T: MATTE TIN CONTACT AND TAIL
-S: SELECTIVE, 30 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
-G: GOLD, 10 AU / 50 NI MIN ON CONTACT, 3 AU / 50 NI MIN ON TAIL
-L: LIGHT SELECTIVE, 10 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
-TL: TIN/LEAD (90/10) -50 CONTACT AND TAIL (AVAILABLE ONLY ON LEAD STYLES -01-DV, -02, & -04)
-STL: SELECTIVE, 30 AU / 50 NI MIN ON CONTACT, TIN/LEAD (90/10 +/-5%)
-F: FLASH SELECTIVE, 3 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
-HF: HEAVY GOLD, 30 AU / 50 NI MIN ON CONTACT, 3 AU / 50 NI MIN ON TAIL
-TM: MATTE TIN CONTACT AND TAIL
-SM: SELECTIVE, 30 AU / 50 NI ON CONTACT, MATTE TIN TAIL
-LM: LIGHT SELECTIVE, 10 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
-FM: FLASH SELECTIVE, 3 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
-SS: STRIPE SELECTIVE, 30 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL (SEE NOTE 13)



IN-PROCESS

PRECISION AND TOLERANCES	PRECISION AND TOLERANCES	PRECISION AND TOLERANCES	TITLE	DWG NO.
ONE PLACE DECIMALS ±.01 TWO PLACE DECIMALS ±.01	THREE PLACE DECIMALS ±.005 FOUR PLACE DECIMALS ±.0020	ANGLES ± 2°	DOUBLE ROW, GULLWING ASM.	TSM-1XX-XX-XXX-XX-X-XXX-X SHEET 1 OF 2

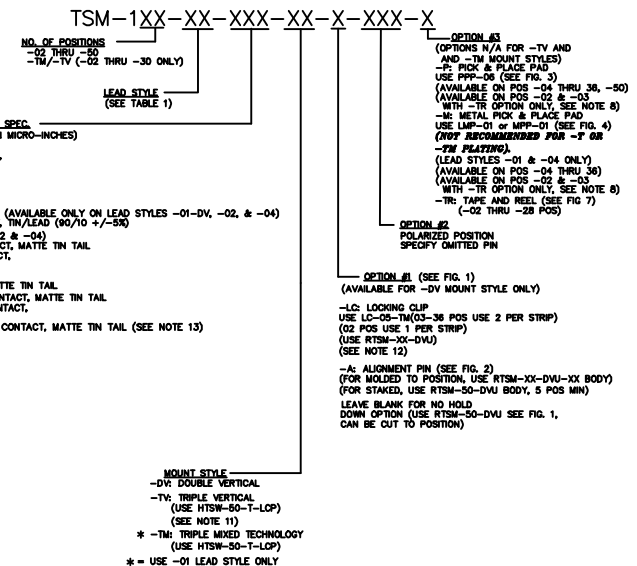
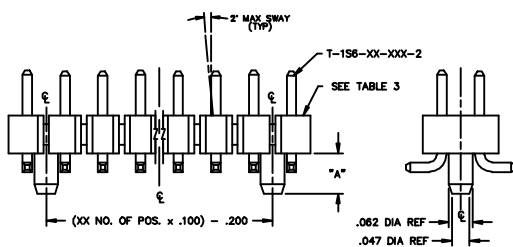


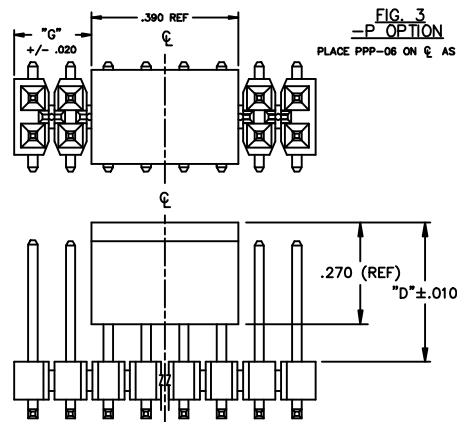
FIG. 2
-A: ALIGNMENT PIN OPTION
DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG. 1.



	"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

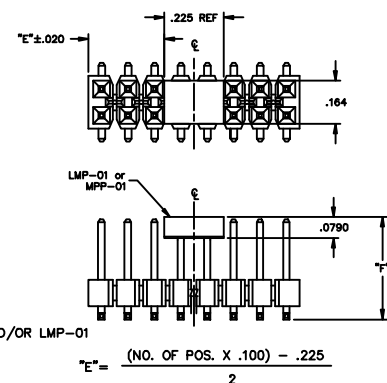


$$"G" \pm .020 = \frac{(\text{NO. OF POS.} \times .100) - .390}{2}$$

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

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

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

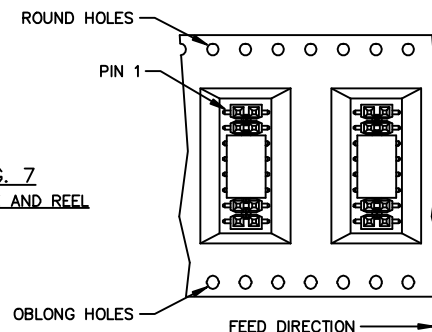
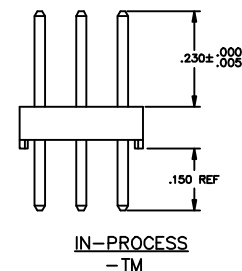
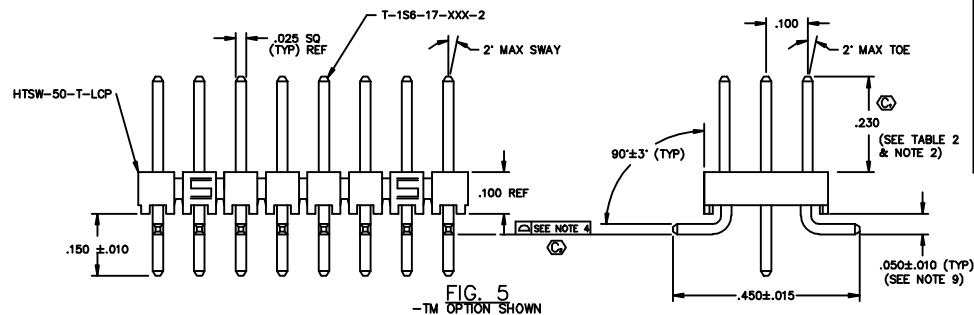


MATERIAL:
INSULATOR:
LIQUID CRYSTAL POLYMER
UL 94 V0
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE

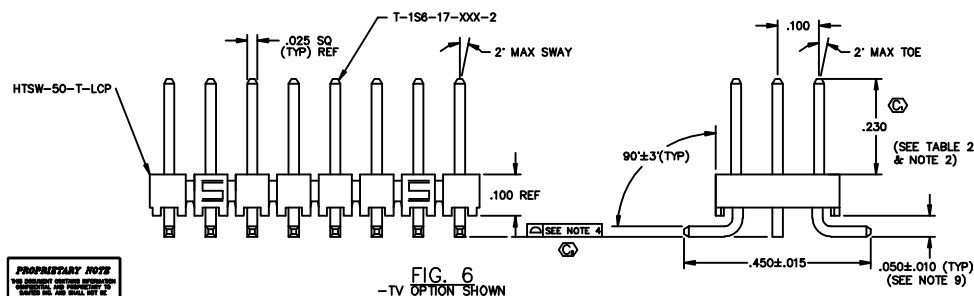
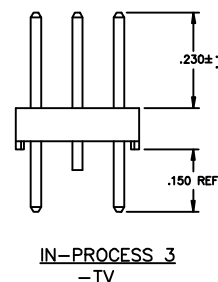
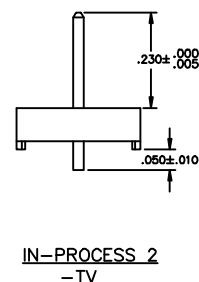
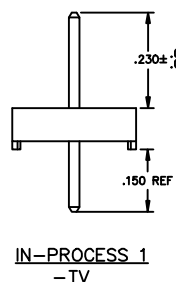
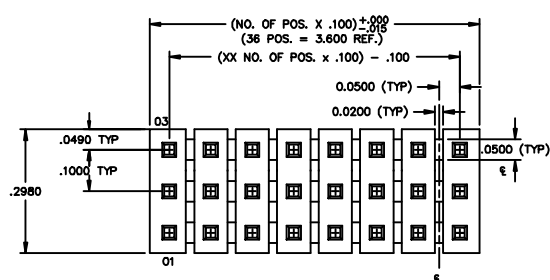
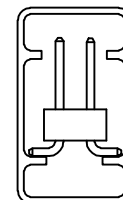
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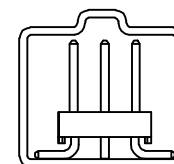
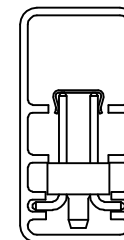
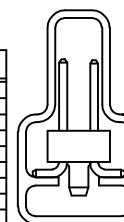


- NOTES:
1. ☒ REPRESENTS A CRITICAL DIMENSION.
 2. POST HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .005 MAX.
 3. -DV OPTION: ☒ COPLANARITY: POSITIONS -02 THRU -05: .004
POSITIONS -06 THRU -10: .005
POSITIONS -11 THRU -50: .006
 4. -TV & -TM: ☒ COPLANARITY: POSITIONS -02 THRU -10: .004
POSITIONS -11 THRU -20: .005
POSITIONS -21 THRU -30: .006
 5. LOAD PARTS POS 1 IN SAME DIRECTION AS ARROW.
 6. NOTE DELETED
 7. TUBE POSITIONS -03 THROUGH -50.
 8. TAPE & REEL AVAILABLE ON POSITION -02 THRU -28 ONLY;
LEADS MAY NOT BE VISIBLE FOR CUSTOMER'S VISUAL INSPECTION ON SMALLER POSITIONED PARTS WHEN USED WITH -P OR -M OPTION.
 9. MEASURE AT BEND RADIUS.
 10. MIN PUSHOUT FORCE: 3 LBS.
 11. FOR -TV USE T-31724-01.
 12. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
 13. ONLY AVAILABLE ON -01-DV OPTION, MATES ONLY WITH SSM, SSW, SSQ, BCS,ESW AND ESQ.
 14. MAXIMUM CUT FLASH: .005 [1.13]



PACKAGE AS SHOWN
TABLE 4

LEAD STYLE	MOUNT STYLE	OPTION	TUBE	PLUG	NOTE
01, 02, 04, 06	-DV	NONE	PT-1-24-01-19	TP-03	7
01, 02	-DV	-LC, -A	PT-1-24-01-19	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
01, 04, 05	-DV	-M, -LC-M, -A-M -LC-A-M	PT-TSM004-DV	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

samtec EXOSTPRO/ASSEMBLY10
TSM/DVAM2

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