

REVISION DA

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

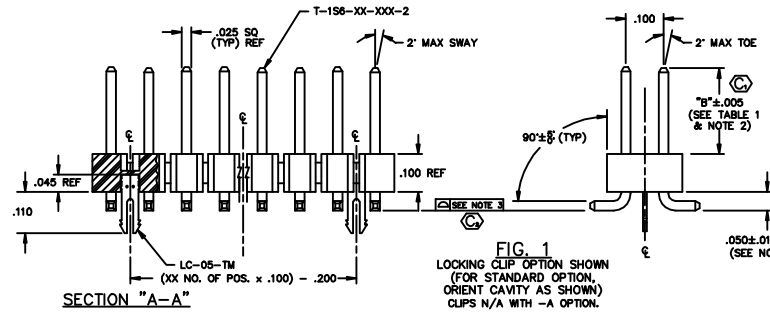
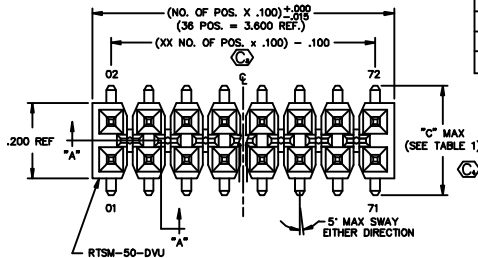
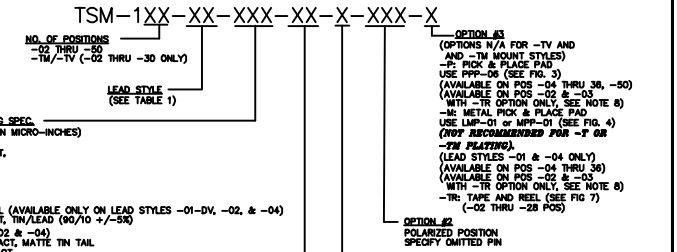
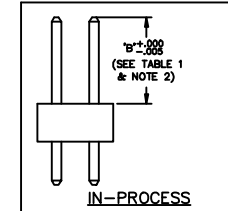


FIG. 1  
 LOCKING CLIP OPTION SHOWN  
 (FOR STANDARD OPTION,  
 ORIENT CAVITY AS SHOWN)  
 CLIPS N/A WITH -A OPTION.

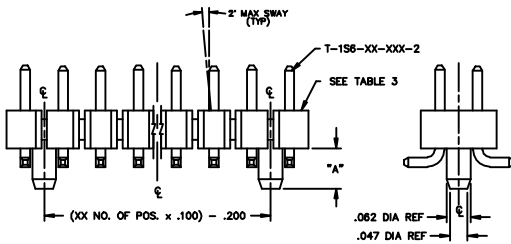


- PLATING SPEC. (VALUES GIVEN ARE IN MICRO-INCHES)
- T: MATTE TIN CONTACT AND TAIL
  - S: SELECTIVE, 30 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
  - G: GOLD, 10 AU / 50 NI MIN ON CONTACT, 3 AU / 50 NI MIN ON TAIL
  - L: LIGHT SELECTIVE, 10 AU / 50 NI MIN ON CONTACT, MATTE TIN TAIL
  - TL: TIN/LEAD (90/10/-50) 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 +/-50) (AVAILABLE ONLY ON LEAD STYLES -01, -02 & -04)
  - 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)

- MOUNT STYLE
- DV: DOUBLE VERTICAL (USE RTSM-50-T-L0P)
  - TV: TRIPLE VERTICAL (USE RTSM-50-T-L0P)
  - \* -TM: TRIPLE MIXED TECHNOLOGY (USE RTSM-50-T-L0P)
  - \* = USE -01 LEAD STYLE ONLY

FIG. 2  
 -A: ALIGNMENT PIN OPTION

DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG. 1.

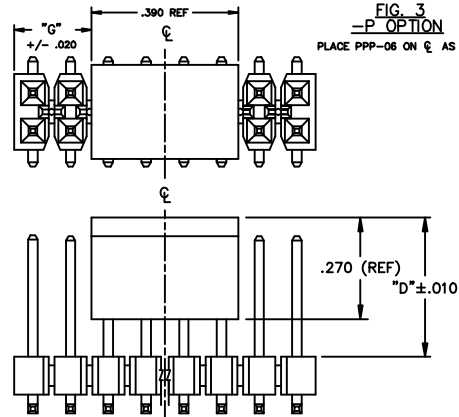


"A"	BODY	MIN # OF POS
MOLDED	RTSM-50-DVU-XX	2
* STAKED	RTSM-50-DVU	5

\* = USE TWO SM-AH'S

PROPRIETARY INFO  
 SAMTEC CORPORATION  
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FIG. 3  
 -P OPTION  
 PLACE PPP-06 ON ♻ AS SHOWN



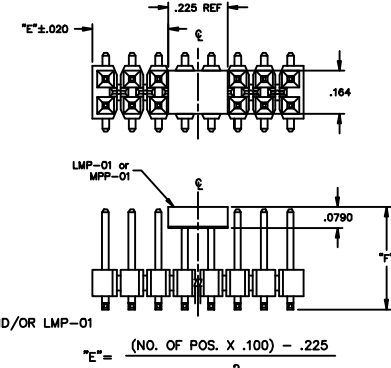
"G" +/-.020 = (NO. OF POS. X .100) - .390  
 2

FIG. 4  
 -M OPTION  
 SCALE .7X

PLACE LMP-01 or MPP-01 ON ♻ AS SHOWN

LEAD STYLE	"E"
-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

**samtec**

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OSQ 58322

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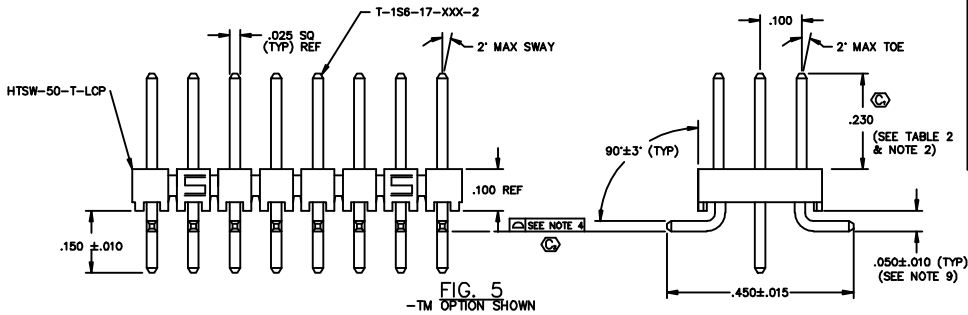
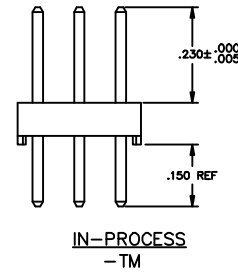


FIG. 5  
-TM OPTION SHOWN



IN-PROCESS  
-TM

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1	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 6

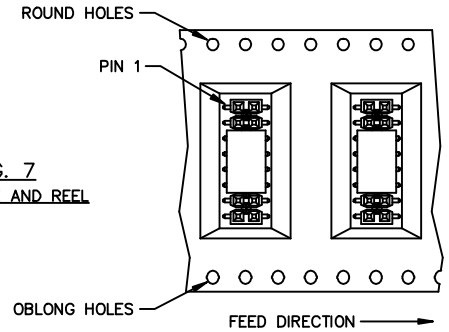
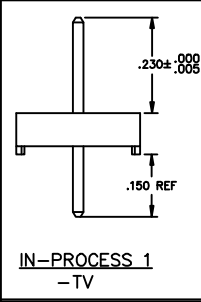
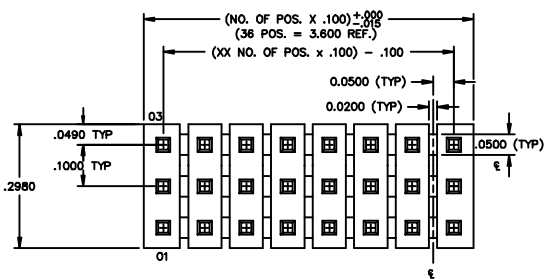
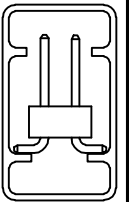


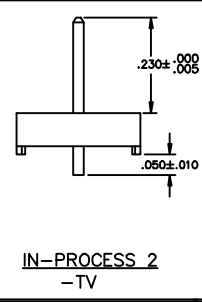
FIG. 7  
-TR TAPE AND REEL

NOTES:

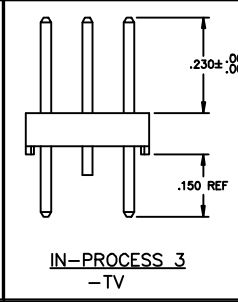
- ⊙ REPRESENTS A CRITICAL DIMENSION.
- POST HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .005 MAX.
- DV OPTION: ⊙ COPLANARITY: POSITIONS -02 THRU -05: .004  
POSITIONS -06 THRU -10: .005  
POSITIONS -11 THRU -50: .006
- TV & -TM: ⊙ COPLANARITY: POSITIONS -02 THRU -10: .004  
POSITIONS -11 THRU -20: .005  
POSITIONS -21 THRU -30: .006
- LOAD PARTS POS 1 IN SAME DIRECTION AS ARROW.
- NOTE DELETED
- TUBE POSITIONS -03 THROUGH -50.
- 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.
- MEASURE AT BEND RADIUS.
- MIN PUSHOUT FORCE: 3 LBS.
- FOR -TV USE T-31724-01.
- 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.
- ONLY AVAILABLE ON -01-DV OPTION, MATES ONLY WITH SSM, SSW, SSQ, BCS,ESW AND ESQ.
- MAXIMUM CUT FLASH: .005 [.13]



IN-PROCESS 1  
-TV



IN-PROCESS 2  
-TV



IN-PROCESS 3  
-TV

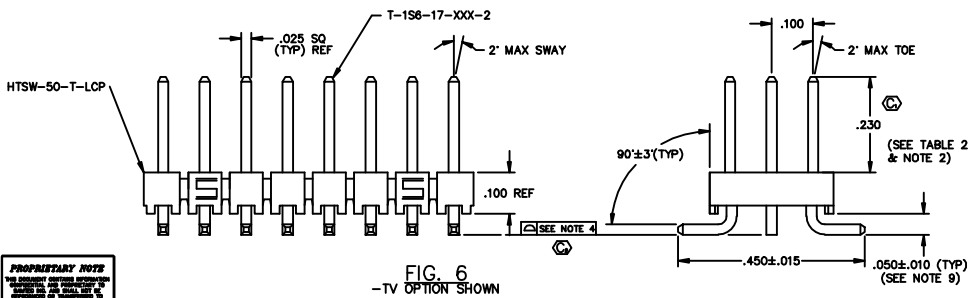
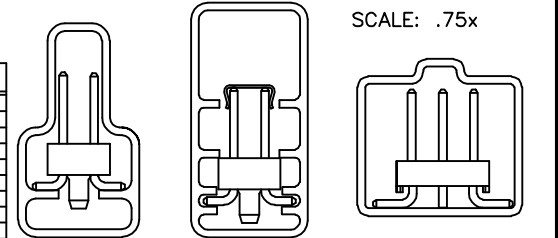


FIG. 6  
-TV OPTION SHOWN

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
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

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