

REVISION CK
DO NOT SCALE
FROM THIS PRINT

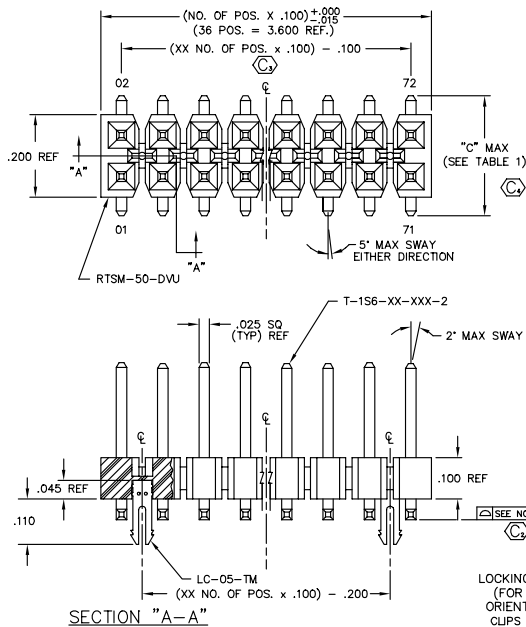
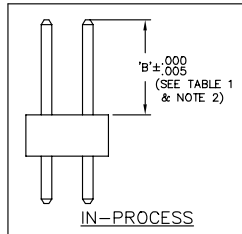


FIG. 1
LOCKING CLIP OPTION SHOWN
(FOR STANDARD OPTION,
ORIENT CAVITY AS SHOWN)
CLIPS N/A WITH -A OPTION.



DOUBLE ROW,
GULLWING ASM.

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 B)
-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 B)
-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 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-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.

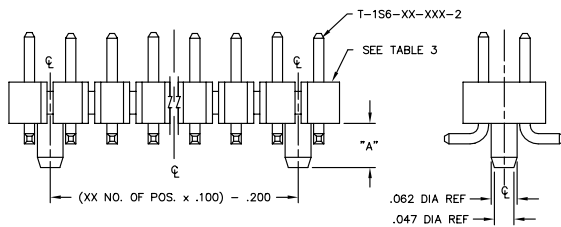
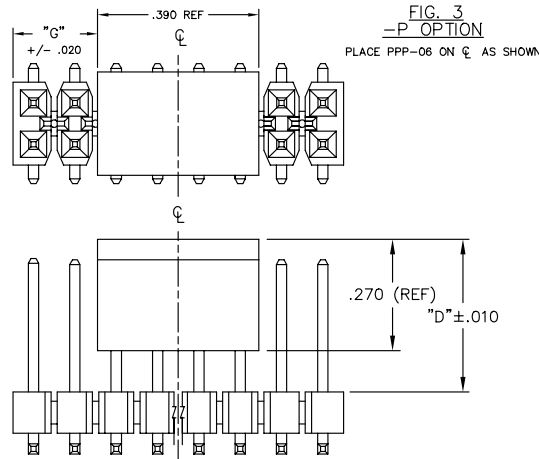


TABLE 3

	"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



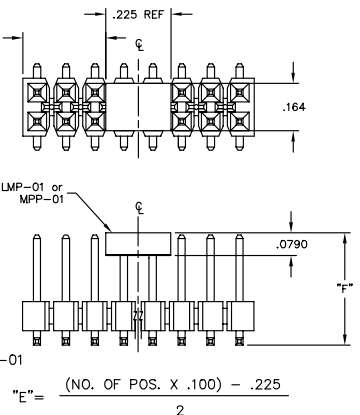
"G" +/- .020 = $\frac{(\text{NO. OF POS. X .100}) - .390}{2}$

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

TABLE 2

LEAD STYLE	"F"
-01	.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

520 PARK EAST BLVD., NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 P.O. BOX 1147
CODE 55322

MADE BY: BRYANT 4-24-91

EXISTPROD/ASSEMBLY100
TSMVAM1

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

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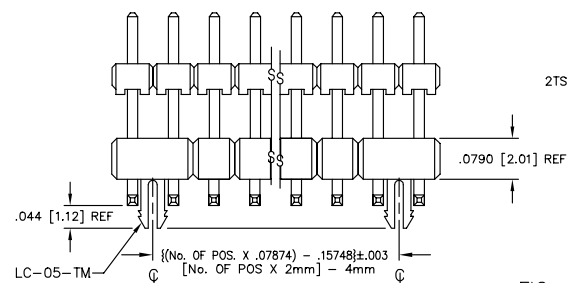


FIG. 2

(-LC OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.

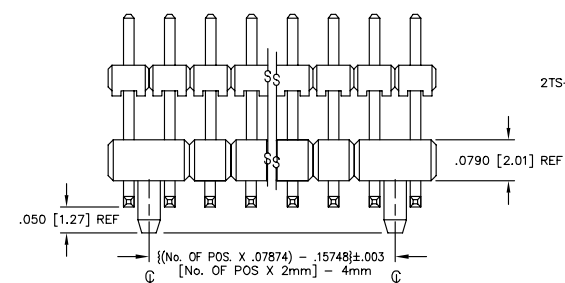
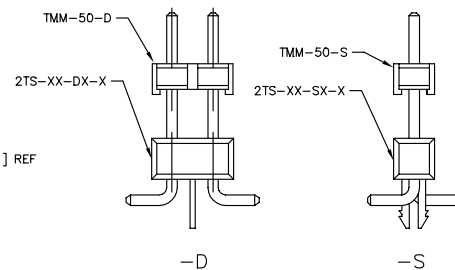


FIG. 3

(-A MOLDED ALIGNMENT PIN OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.

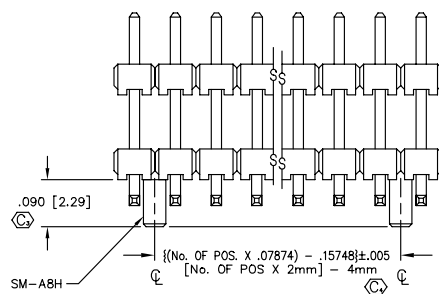
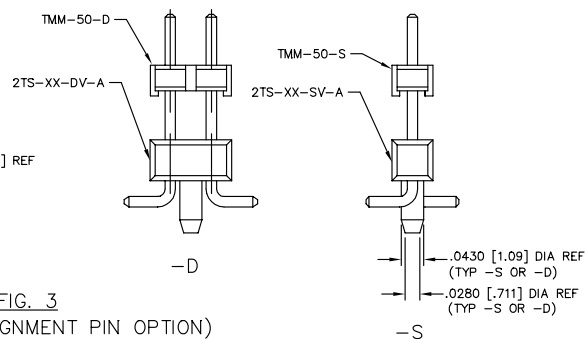
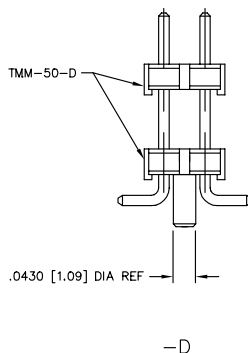


FIG. 4

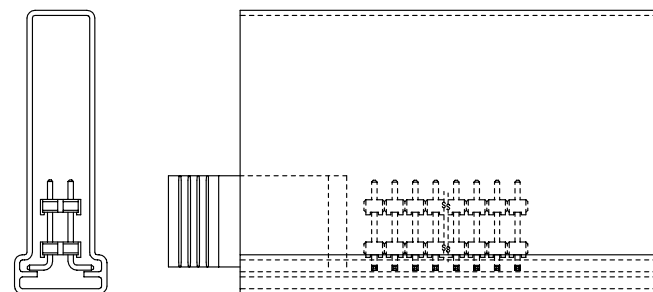
(-A STAKED ALIGNMENT PIN OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.



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UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE: HIGH TEMP 2mm SURFACE MOUNT BOARD STACKING TERMINAL STRIP	DWG NO: TW-XX-XX-XXX-X-XXX-SM-XX-XXX
DIMENSIONS ARE IN INCHES					
ONE PLACE DECIMALS ± .1 [2.5mm]	THREE PLACE DECIMALS ± .005 [0.13mm]	ANGLES ± 2°			
TWO PLACE DECIMALS ± .010 [0.25mm]		FOUR PLACE DECIMALS ± .0020 [0.05mm]		SHEET 2 OF 3	



PAGAGING VIEW

SCALE: .5X

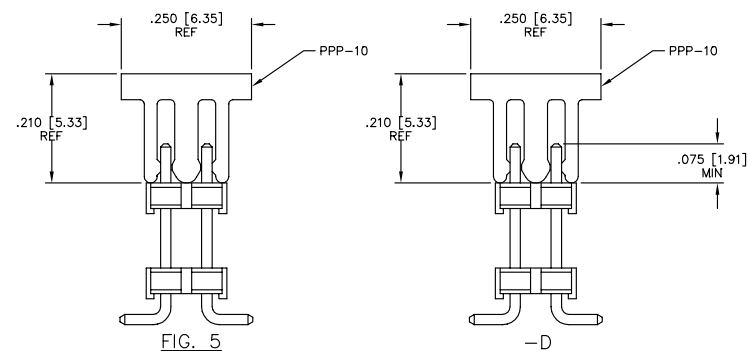
PT-1-24-02-47
TP-03

FIG. 5

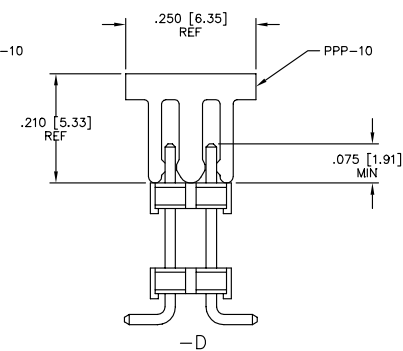
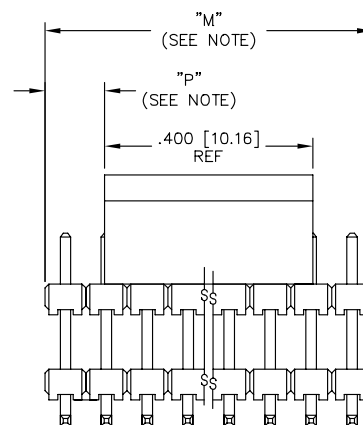
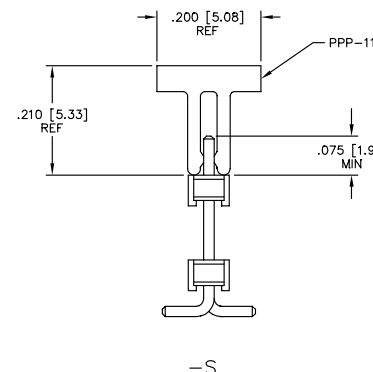
(-M OPTION)
(SEE NOTE 10)

FIG. 6

(-P OPTION)
(SEE NOTE 10)NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = {("M" - .400) / 2 } ± .020 [0.51]

-APPLIES TO BOTH SINGLE & DOUBLE-



samtec
EXISPROD\ASSEMBLY\2MM
TW-SM2

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322MADE BY:
BRYANT 3-8-93

TW-XX-XX-XXX-X-XXX-SM-XX-XXX

-TR VIEW FOR -S (SINGLE ROW)

POSITION #1

ROUND HOLES

OBLONG HOLES

USER DIRECTION OF REELING
POCKET NOT DETAILED**PROPRIETARY NOTE**

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