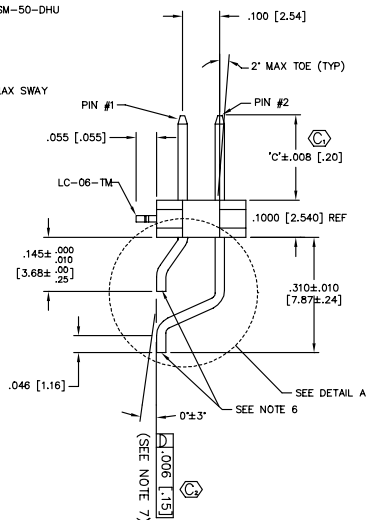


**THIS DESIGN HAS
NOT BEEN APPROVED
BY ENGINEERING
DO NOT DISTRIBUTE
THIS PRINT**



PLATING SPEC.

- T: TIN -SPECIFY -T IN TERMINAL SUFFIX -X
- S: SELECTIVE -SPECIFY -S IN TERMINAL SUFFIX -X
- L: SELECTIVE -SPECIFY -L IN TERMINAL SUFFIX -X
- 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
- TL: TIN/LEAD -SPECIFY -TL IN TERMINAL SUFFIX -X
- STL: SELECTIVE TIN/LEAD -SPECIFY -STL IN TERMINAL SUFFIX -X
- SM: SELECTIVE HEAVY GOLD, MATTE TIN TAIL
- LM: SELECTIVE LIGHT GOLD, MATTE TIN TAIL
- FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL
- TM: MATTE TIN

ROW OPTION

-DH: DOUBLE HORIZONTAL
(USE TSM-50-DHU)

-MT: MIXED TECHNOLOGY (SEE FIG. 4 & TABLE 1)
(NOT AVAILABLE WITH -LC, -SL, -TR OR -A OPTIONS)

NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.
2. DELETED
3. DELETED
4. DELETED
5. .005 [.13] MAX CUT FLASH.
6. .002 [.51] MAX BURR. MUST BE AWAY FROM SMT BOARD SIDE.
7. DELETED
8. CUT TO POSITION BODIES TO BE MULTI-CUT OR ROTO-CUT
9. ONLY, NEVER AIR CUT.
10. TURN POSITIONS 5-36, BULK PACKAGE POSITIONS 2-4.
10. 3 LBS. MIN PUSHOUT FORCE.

ROW OPTION	LEAD STYLE	BOTTOM ROW PIN #1	TOP ROW PIN #2	'C'
-DH	-01	T-156-09-X-2	T-156-20-X-2	230 (5.84)
-DH	-02	T-156-09-X-2	T-156-20-X-2	320 (8.13)
-DH	-03	T-156-09-X-2	T-156-20-X-2	420 (10.67)
-MT	-01	T-156-08-X-2	T-156-20-X-2	230 (5.84)
-MT	-02	T-156-15-X-2	T-156-20-X-2	320 (8.13)
-MT	-03	T-156-09-X-2	T-156-20-X-2	420 (10.67)

TSM-1XX-XX-XXX-XX-XX-XXX-XX

OF POSITIONS
02 THRU -36

LEAD STYLE
(SEE TABLE 1)

-P: F

TITLE:	DWG NO:
TERMINAL SRTIP	TSM-1XX-XX-XXX-XX-XX-XXX-XX
DOUBLE SURFACE MOUNT	SHEET 1 OF 1

OPTION #3
-P: PICK & PLACE PAD, SEE FIG 3
(AVAILABLE ON POS -05 THRU -36)
(AVAILABLE ON POS -02 THRU -04
WITH -TR OPTION ONLY)
(NOT AVAILABLE WITH -K OPTION)

-TR: TAPE & REEL (29 POS MAX)
(AVAILABLE FOR -DH ONLY)

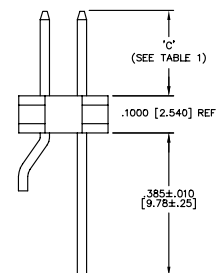
-K: POLYAMIDE FILM (SEE FIG. 5, SHT. 2)
(NOT AVAILABLE WITH -P OPTION)
(USE K-500-30)
(AVAILABLE ON POS -05 THRU -36)
(AVAILABLE ON POS -02 THRU -03
WITH -TR OPTION ONLY)

OPTION #2
POLARIZED POSITION: SPECIFY OMITTED PIN

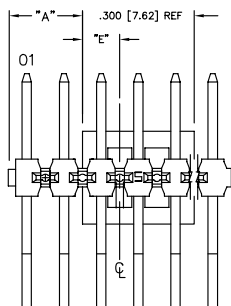
L- OPTION #1
 -LC: LOCKING CLIP (USE LC-06-TM - SEE FIG. 1)
 (03-36 POS USE 2 PER STRIP, 02 POS USE 1 PER STRIP)
 (USE TSM--XX-DHU)
 (NOT AVAILABLE WITH -LC OR -SL OPTIONS)
 -A: ALIGNMENT PIN (SEE FIG. 2, SHT. 2)
 (STAKED: 4 POS MIN - MOLDED: 2 POS MIN)
 (NOT AVAILABLE WITH -LC OR -SL OPTIONS)
 LEAVE BLANK FOR NO HOLD DOWN OPTION.
 -SL: SOLDER LOCK (SEE FIG. 6, SHT. 2)
 (2 POSITION MINIMUM)
 (NOT AVAILABLE WITH -LC OR -A OPTIONS)

No OF POS	S/S BOW
02 - 10	.0030 [.080]
11 - 20	.0050 [.127]
21 - 30	.0070 [.178]
31 - 36	.0080 [.203]

IN-PROCESS 2



DIFFERENT AS SHOWN.
OTHERWISE SAME AS FIG. 1.


$$\begin{aligned} \text{FOR EVEN: "A"} &= \left[\frac{(\text{NO. OF POS.} \times .100 [2.54]) - .300 [7.62]}{2} \right] + .050 [1.27] \\ \text{FOR ODD: "A"} &= \frac{(\text{NO. OF POS.} \times .100 [2.54]) - .300 [7.62]}{2} \end{aligned}$$

POS.	"E"
ODD	.150 [3.81]
EVEN	.100 [2.54]

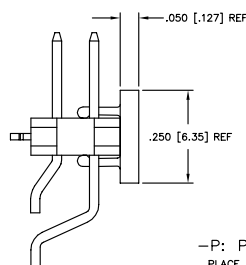


FIG. 3
-P: PICK & PLACE PAD
PLACE RPP-OR ON @ AS SHOWN

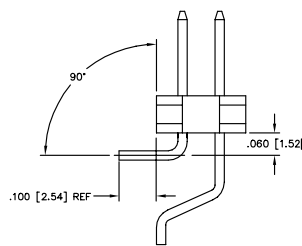
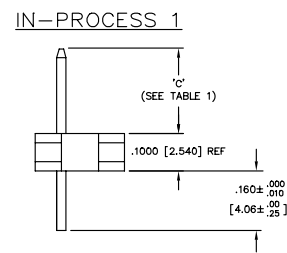


FIG. 4
-MT: MIXED TECHNOLOGY
DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG. 1
(SEE NOTE 7)



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

F:\DWG\MISC\KMTG
TSMDB

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: BRATCHER 7-27-95 TSM-1XX-XX-XXX-XX-XX-XXX-XX