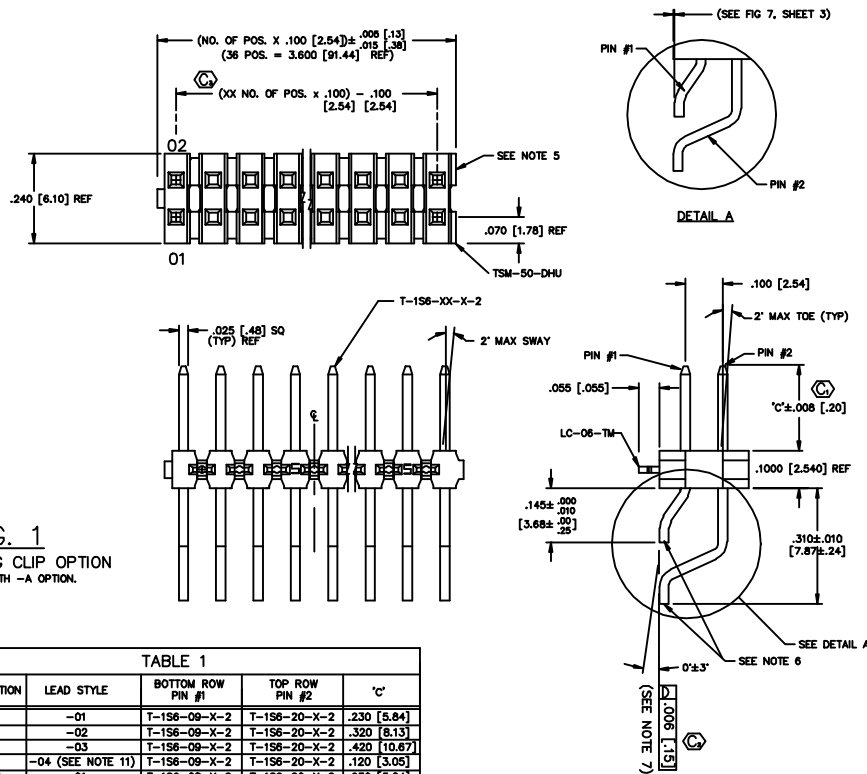
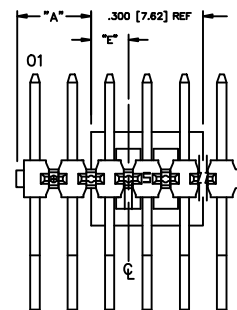


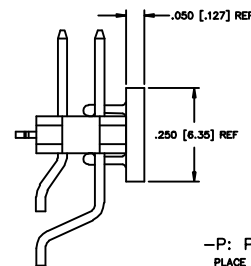
REVISION CA

DO NOT SCALE
THIS DRAWING

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]
-DH	-04 (SEE NOTE 11)	T-156-09-X-2	T-156-20-X-2	.120 [3.05]
-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]

DIFFERENT AS SHOWN.
OTHERWISE SAME AS FIG. 1.

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



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

FIG. 3

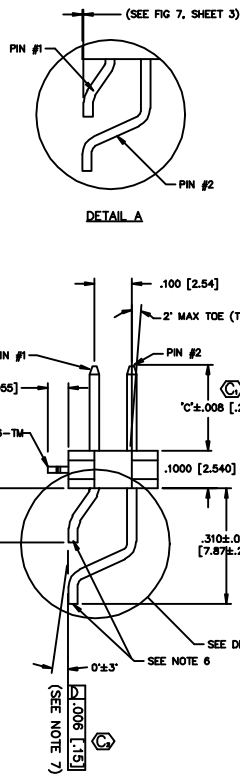
-P: PICK & PLACE PAD
PLACE PPP-08 ON E AS SHOWN

FIG. 4

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

TERMINAL STRIP	DWG NO.
DOUBLE SURFACE MOUNT	TSM-1XX-XX-XXX-XX-XX-XXX-XX

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

NO. OF POSITIONS
-02 THRU -36LEAD STYLE
(SEE TABLE 1)

PLATING SPEC.

- T: MATTE TIN, CONTACT AND TAIL
- S: SELECTIVE, 30 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
- L: LIGHT SELECTIVE, 10 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
- F: FLASH SELECTIVE, 3 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
- H: HEAVY GOLD, 30 Au 50 NI MIN ON CONTACT, 3 Au / 50 NI MIN ON TAIL
- TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL
- STL: SELECTIVE, 30 Au / 50 NI MIN ON CONTACT, TIN/LEAD (90/10+/-5%) TAIL
- SM: SELECTIVE, 30 Au / 50 NI MIN 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
- TM: MATTE TIN CONTACT AND TAIL
- SS: STRIPED SELECTIVE, 30 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL (SEE NOTE 14)

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)

OPTION #1

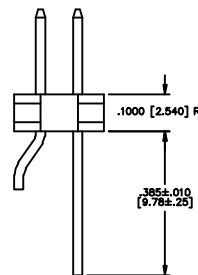
- LC: LOCKING CLIP (USE LC-08-TM - SEE FIG. 1) (SEE NOTE 13) (03-36 POS USE 2 PER STRIP, 02 POS USE 1 PER STRIP) (USE TSM-XX-DHU) (NOT AVAILABLE WITH -A OR -SL OPTIONS)
- A: ALIGNMENT PIN (SEE FIG. 2, SHT. 2) (STAKED: 4 POS MIN) (MOLDED: 2 POS MIN) (NOT AVAILABLE WITH -LC OR -SL OPTIONS) (LEAVE BLANK FOR NO HOLD DOWN OPTION.)
- SL: SOLDER LOCK (SEE FIG. 6, SHT. 2) (2 POSITION MINIMUM) (NOT AVAILABLE WITH -LC OR -A OPTIONS)

OPTION #2

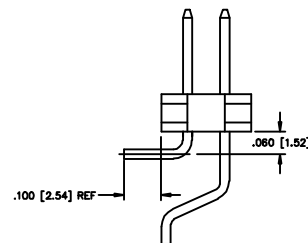
POLARIZED POSITION: SPECIFY OMITTED PIN

NO OF POS	S/S BOW
02 - 10	.0030 [0.080]
11 - 20	.0050 [0.127]
21 - 30	.0070 [0.178]
31 - 36	.0080 [0.203]

IN-PROCESS 2



IN-PROCESS 1



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

samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 56322

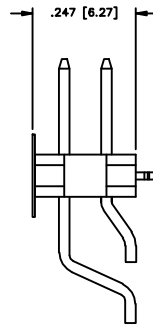
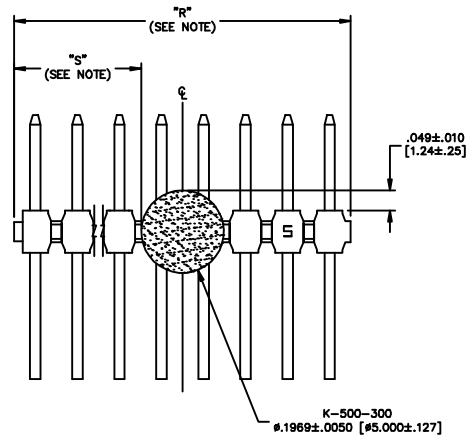
BRATCHER 7-27-95

EXISPROD\ASSEMBLY\100
TSM0H
TSM-1XX-XX-XXX-XX-XX-XXX-XX
SHEET 1 OF 3

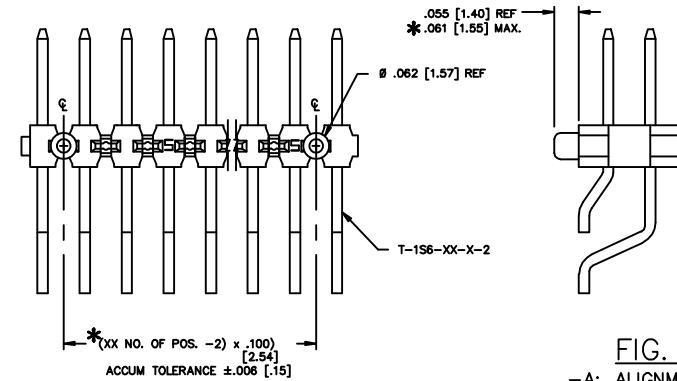
PROPRIETARY NOTE
THIS DRAWING IS THE PROPERTY OF SAMTEC CORPORATION. IT IS TO BE USED FOR THE MANUFACTURE OF SAMTEC PRODUCTS ONLY. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. SAMTEC CORPORATION, NEW ALBANY, INDIANA 47150.

REV. CA

NOTE: "R" = USED MEASURED DIMENSION (REF)
 "S" = $\{("R" - .1969 [5.000]) / 2\} \pm .020 [51]$



DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	ANGLES	TITLE	DWG NO.
ONE PLACE DECIMALS $\pm .1 [3]$	THREE PLACE DECIMALS $\pm .005 [13]$			$\pm 2^\circ$	TERMINAL STRIP DOUBLE SURFACE MOUNT	TSM-XX-XX-XX-XX-XX-XX
TWO PLACE DECIMALS $\pm .01 [3]$	FOUR PLACE DECIMALS $\pm .0020 [51]$					SHEET 2 OF 3



DIFFERENT AS SHOWN, OTHERWISE
 SAME AS FIG. 1.

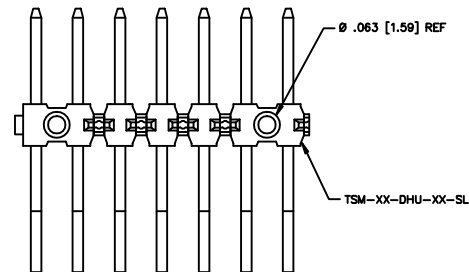
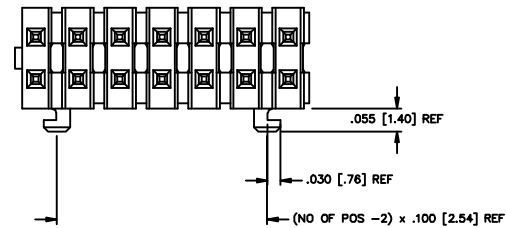


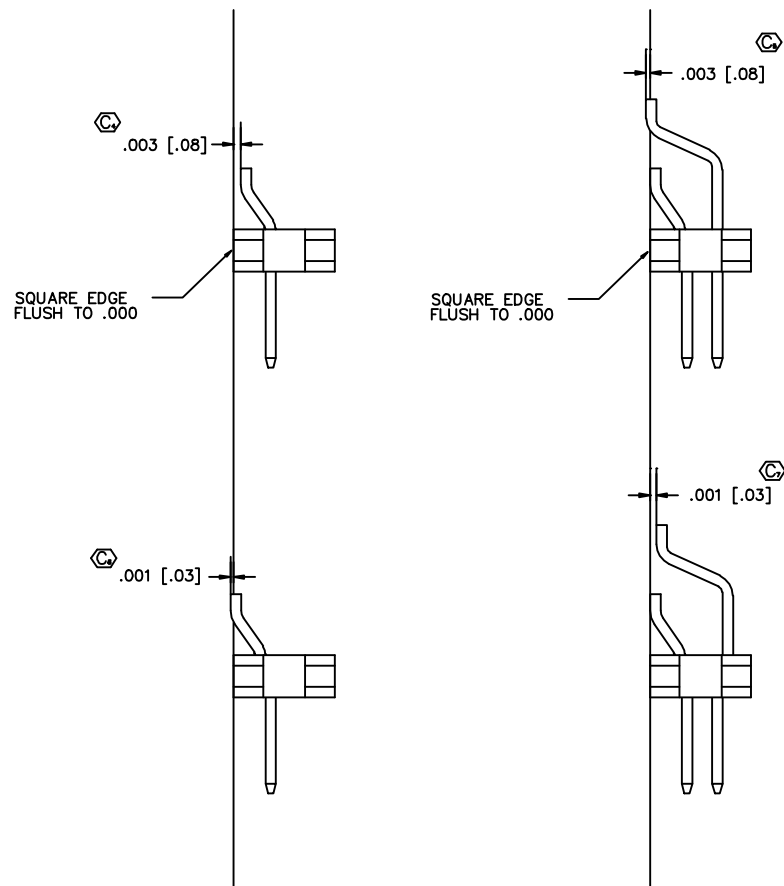
FIG. 6
 —SL: SOLDER LOCK

DIFFERENT AS SHOWN, OTHERWISE
 SAME AS FIG. 1.

PROPRIETARY NOTE
 THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SAMTEC CORPORATION. IT IS TO BE USED FOR THE PURPOSES SPECIFIED IN THE ORDER ONLY. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAMTEC CORPORATION.

EXISPROD\ASSEMBLY\100
 TSMOH2
samtec
 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
 PHONE (812) 944-6733 P.O. BOX 1147
 CODE 65322
 MADE BY
 BRATCHER 7-27-95
 TSM-XX-XX-XX-XX-XX-XX
 SHEET 2 OF 3

REV. CA

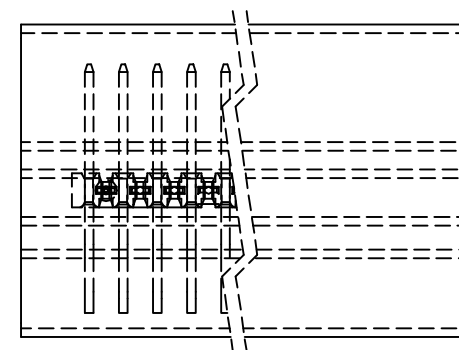
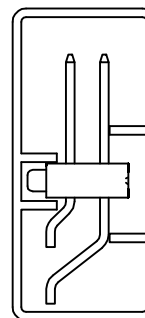


PROPRIETARY NOTE
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF SAMTEC, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAMTEC, INC.

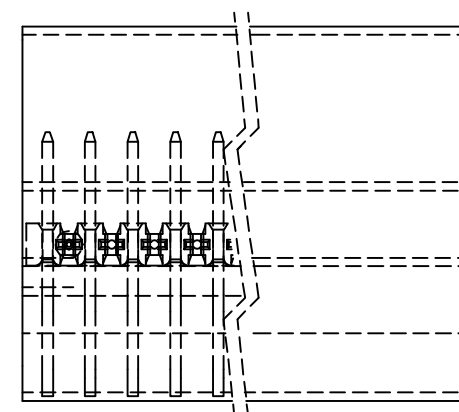
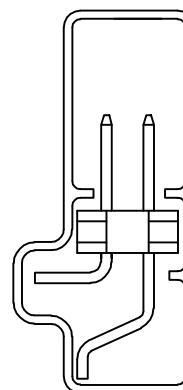
FIG. 7
-DH SURFACEMOUNT DIAGRAM

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	TITLE	DWG NO.
ONE PLACE DECIMALS ± .1 [.3]	THREE PLACE DECIMALS ± .005 [.13]	ANGLES	± 2°	TERMINAL STRIP DOUBLE SURFACE MOUNT	TSM-XX-XX-XX-XX-XX-XX SHEET 3 OF 3
TWO PLACE DECIMALS ± .01 [.3]	FOUR PLACE DECIMALS ± .0020 [.051]				

PACKAGE AS SHOWN
SCALE .75



TUBE: PT-TSM001-DH
PLUG: TP-09



-MT OPTION
TUBE: PT-TSM005-DH-MT
PLUG: TP-29

samtec 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-8733 P.O. BOX 1147 CODE 68302		EXISPROD\ASSEMBLY\100 TSM013 TSM-XX-XX-XX-XX-XX-XX SHEET 3 OF 3
MADE BY: BRATONER 7-27-95		