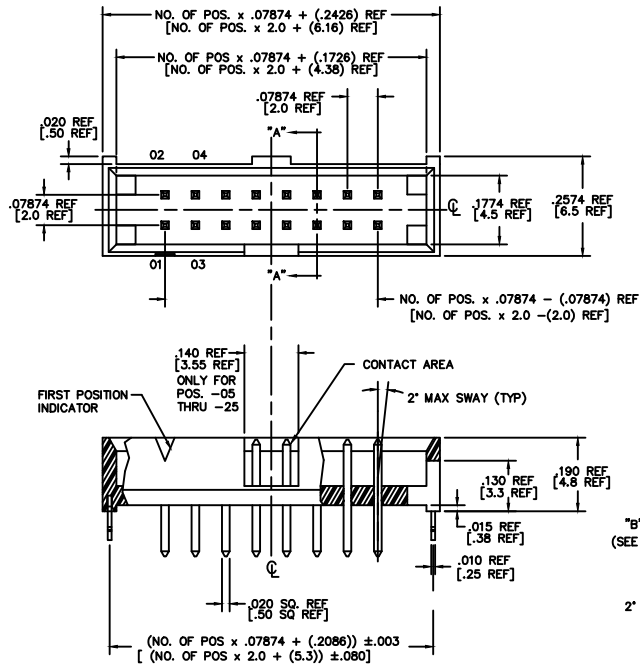
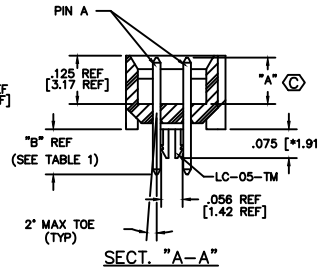


REVISION BP

DO NOT SCALE  
FROM THIS PRINTTHROUGH HOLE  
FIG. 1

SECT. "A-A"

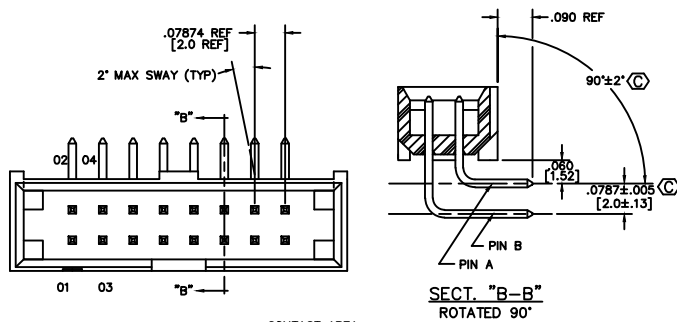


FIG. 2

-RA: RIGHT ANGLE

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION  
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SAMTEC INC. AND SHALL NOT BE  
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OTHER THAN THAT FOR WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED  
WRITTEN CONSENT OF SAMTEC INC.

UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
ONE PLACE DECIMALS ± .1 [2.5] THREE PLACE DECIMALS ± .005 [.13]  
TWO PLACE DECIMALS ± .01 [.3] FOUR PLACE DECIMALS ± .0010 [.025]

ANGLES  
± 1°

TITLE:  
2mm C.L. SHROUDED  
TERMINAL STRIP TO  
MATE WITH CABLE

DWG NO:  
STMM-1XX-XX-XX-D-XX-XX  
SHEET 1 OF 3

STMM-1XX-XX-XX-D-XX-XX

NO. OF POSITIONS  
-02 THRU -25POLARIZED OPTION  
XX = PIN NO TO BE OMITTED

TERMINAL STYLE  
LEAD STYLE -01 IS STANDARD  
(.100 [2.54] POST HEIGHT), LEAD STYLE -02  
IS FOR MATING WITH TOSD ONLY  
(.120 [3.05] POST HEIGHT) (SEE TABLE 1)

## PLATING SPECIFICATIONS

- G: 20μ" GOLD IN CONTACT AREA,  
3μ" GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- L: 15μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- H: 30μ" GOLD IN CONTACT AREA,  
3μ" GOLD ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- LM: 15μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- FM: 3μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL

## OPTION

- RA: RIGHT ANGLE (SEE FIG. 1 -RA & TABLE 1 SHT. 1)
- SM: SURFACE MOUNT (SEE TABLE 1 SHT. 1 & TABLE 2 SHT. 2)
- LC: LOCKING CLIP (SEE NOTE 9)  
(USE LC-05-TM FOR THROUGH HOLE STYLE, SEE FIG. 1, \* DIMS)  
(USE LC-07-TM FOR -SM STYLE, SEE FIG. 3, SHT. 2 \* DIMS)  
NOT AVAILABLE FOR -RA STYLE
- LEAVE BLANK FOR THROUGH HOLE (SEE FIG. 1 & TABLE 1 SHT. 1)
- P: PICK AND PLACE PAD (USE PPP-24, SEE FIG. 4 SHT. 2)  
(3 POSITION MINIMUM) (NOT AVAILABLE WITH -RA OPTION)
- M: METAL PICK AND PLACE PAD (USE MPP-07, SEE FIG. 5 SHT. 2)  
(-SM OPTION ONLY) (3 POSITION MINIMUM) (SEE NOTE 8)  
(NOT AVAILABLE WITH -RA OPTION)
- TR: TAPE & REEL (SEE FIG. 7 SHT. 3). FOR SM OPTION ONLY.
- K: POLYIMIDE FILM PAD (SEE FIG. 6, SHT. 2)  
(NOT AVAILABLE WITH -RA OPTION)

## ROW SPECIFICATION

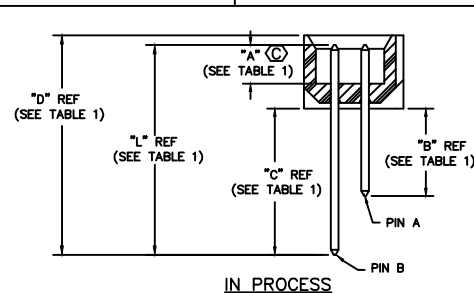
-D: DOUBLE (USE STMM-XX-D-LC)

## NOTES:

1. MAX PIN ROTATION IN BODY TO BE 2°.
2. PUSHOUT FORCE TO BE 1 lb. MIN.
3. (C) REPRESENTS CRITICAL DIMS.
4. DIMENSIONS IN [ ] ARE IN MILLIMETERS.
5. FOR LOCKING CLIPS: 12 OZ. MIN RETENTION
6. MEASURE AT BEND.
7. ORIENTATE PINS TO REDUCE THE NUMBER OF  
BANDOLIER MARKS IN THE POST AREA. (SEE TABEL 4)
8. -M OPTION NOT RECOMMENDED WITH -T OR -TM PLATING  
OPTIONS FOR LEAD FREE PROCESSING.
9. 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.

TABLE 1

|                                  | LEAD<br>STYLE | "A"<br>REF     | "B"<br>REF    | "C"<br>REF    | PIN A          | "L" REF<br>TERMINAL LENGTH | "D"<br>REF   | PIN B         | "L" REF<br>TERMINAL LENGTH | "D"<br>REF   |
|----------------------------------|---------------|----------------|---------------|---------------|----------------|----------------------------|--------------|---------------|----------------------------|--------------|
| THROUGH<br>HOLE<br>(SEE FIG. 1)  | -01           | .100<br>[2.54] | .092<br>[2.3] | N/A           | T-1S13-04-XX-2 | .255 [6.48]                | .280 [7.11]  | N/A           | .255 [6.48]                | N/A          |
|                                  | -02           | .120<br>[3.05] | .117<br>[3.0] | N/A           | T-1S13-07-XX-2 | .302 [7.67]                | .307 [7.80]  | N/A           | .302 [7.67]                | N/A          |
| RIGHT<br>ANGLE<br>(SEE FIG. 2)   | -01           | .100<br>[2.5]  | .232<br>[5.9] | .390<br>[9.9] | T-1S13-05-XX-2 | .397 [10.08]               | .422 [10.71] | T-1S13-06-X-2 | .555 [14.10] REF           | .580 [14.73] |
|                                  | -02           | .120<br>[3.0]  | .228<br>[5.8] | .386<br>[9.8] | T-1S13-19-XX-2 | .413 [10.49]               | .438 [11.13] | T-1S13-22-X-2 | .571 [1.50] REF            | .576 [14.63] |
| SURFACE<br>MOUNT<br>(SEE FIG. 3) | -01           | .100<br>[2.54] | .172<br>[4.4] | N/A           | T-1S13-07-XX-2 | .302 [7.67]                | .327 [8.31]  | N/A           | SEE TABLE 2                | N/A          |
|                                  | -02           | .120<br>[3.05] | .173<br>[4.4] | N/A           | T-1S13-20-XX-2 | .323 [8.20]                | .328 [8.33]  | N/A           | SEE TABLE 2                | N/A          |



IN PROCESS

PLOT SCALE: 1=.25

MATERIAL:  
BODY: LCP  
COLOR: BLACK

TERMINAL:  
PHOSPHOR BRONZE

EXISPROD/ASSEMBLY/2MM  
STMM/ASM  
**samtec**

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PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

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STMM-1XX-XX-XX-D-XX-XX  
SHEET 1 OF 3