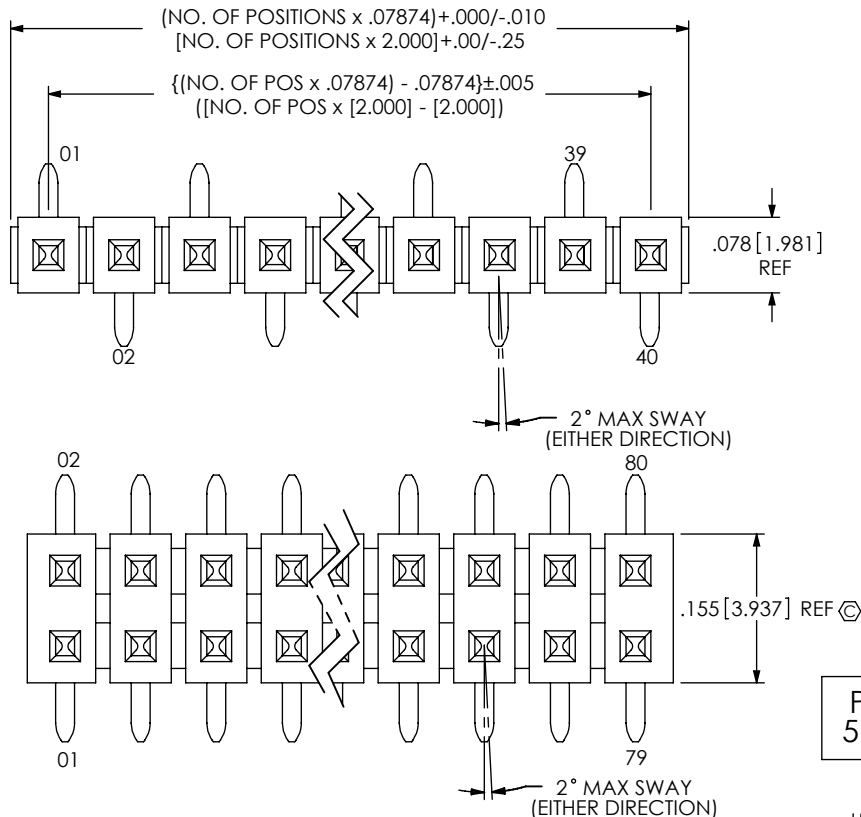


DO NOT  
SCALE FROM  
THIS PRINT



**TMM-1XX-XX-XX-X-SM-XX-X**

**NO. OF POSITIONS PER ROW**  
-02 THRU -40

**TERMINAL SPEC**  
-01: USE T-1S13-07-X-2  
-04: USE T-1S13-04-X-2  
-05: USE T-1S13-21-X-2  
-06: USE T-1S13-08-X-2  
(SEE NOTE 8)

**PLATING SPECIFICATION**  
-G: 20μ" GOLD ON CONTACT AREA,  
3μ" GOLD ON TAIL  
-T: MATTE TIN ON CONTACT AND TAIL  
-S: 30μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL  
-L: 10μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL  
-F: 3μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL  
-H: 30μ" GOLD ON CONTACT,  
3μ" GOLD MIN ON TAIL  
-SM: 30μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL  
-TM: MATTE TIN ON CONTACT AND TAIL  
-LM: 10μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL  
-FM: 3μ" SELECTIVE GOLD ON  
CONTACT, MATTE TIN ON TAIL

**OPTION**  
-P: PICK & PLACE PAD  
(AVAILABLE ON POSITIONS  
-03 THRU -40) (SEE SHEET 2, FIG 2)  
\*-M: METAL PICK & PLACE PAD  
(SEE SHEET 2, FIG 2) (4 POS. MIN)  
(-T & -TM PLATING WITH -M  
OPTION AVAILABLE TO EXISTING  
CUSTOMERS ONLY AS OF REV BP.  
DO NOT DESIGN IN)  
-A: ALIGNMENT PIN  
(SEE SHEET 2, FIG 3)  
(5 POS. PER ROW MINIMUM)  
(NOT AVAILABLE ON SINGLE  
BODY SPECIFICATION)  
-TR: TAPE & REEL (AVAILABLE ON  
POS -03 THRU 36, POS 37 THRU  
-40 AVAILABLE TO EXISTING  
CUSTOMERS ONLY)  
(SEE SHEET 3)

**OPTION**  
POLARIZED SPECIFY POS-XX AS  
POS TO BE OMITTED

**OPTION**  
-SM: SURFACE MOUNT

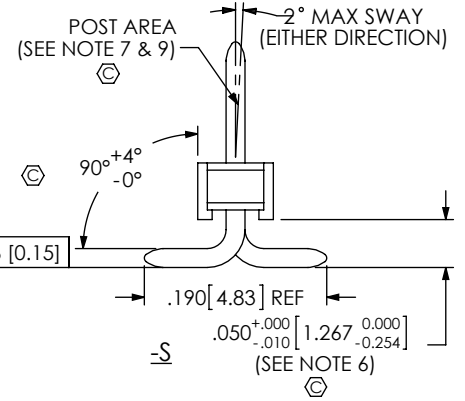
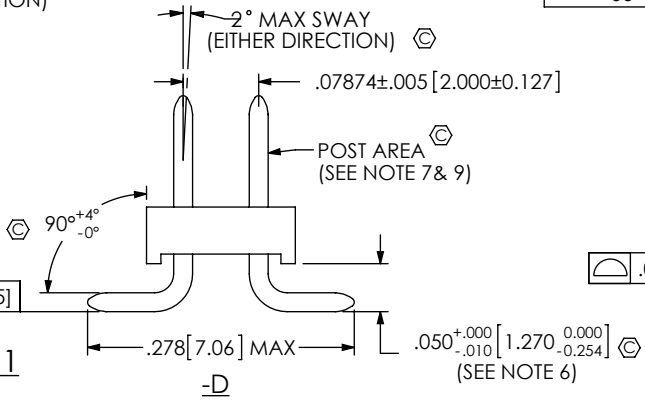
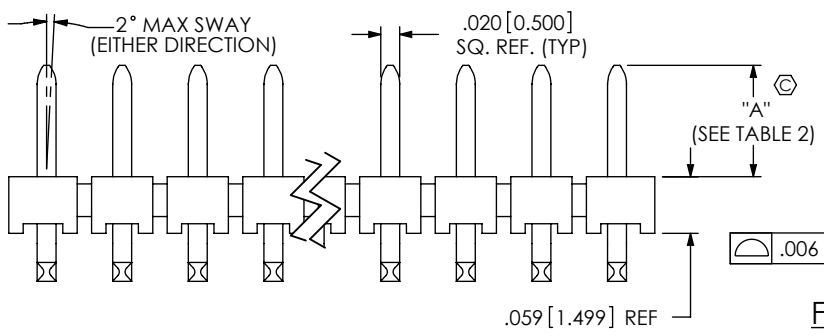
**BODY SPECIFICATION**  
-S: SINGLE (TMM-50-S)  
-D: DOUBLE (TMM-50-D)

\* FOR EXISTING CUSTOMERS ONLY

TABLE 2

| LEAD STYLE | "A" POST    | "B" (OAL)    | "C"         |
|------------|-------------|--------------|-------------|
| -01        | .126 [3.20] | .302 [7.67]  | .100 [2.54] |
| -04        | .075 [1.91] | .255 [6.48]  | .100 [2.54] |
| -05        | .065 [1.65] | .323 [8.20]  | .080 [2.03] |
| -06        | .168 [4.27] | .476 [12.09] | .100 [2.54] |

PATENT NUMBERS  
5713755 / 5961339



NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- MAX. PIN ROTATION IN BODY: 2°
- PUSHOUT FORCE SHALL BE 1 lb MIN.
- ALL DIMENSIONS IN BRACKETS [ ] TO BE MILLIMETERS.
- PACKAGE POSITIONS 03-40 IN TUBES; LAYER PACKAGE -02 POSITION.
- .050 [1.27] DIMS TO BE CHECKED AT BEND RADIUS, NOT AT END OF PIN
- PINS TO BE INSERTED TAIL SIDE FIRST TO AVOID SCRATCHES ON CONTACT
- SHEAR TAILS FOR -05 & -06 LEAD STYLE
- NO BANDOLIER MARKS ARE ALLOWED IN THE POST AREA.
- MAX. CUT FLASH: .010 [0.25]

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 2°  
.XXX: ±.005  
.XXXX: ±.0020

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DO NOT SCALE DRAWING SHEET SCALE: 4:1

MATERIAL BODIES:  
LCP UL 94 VO, COLOR BLACK  
TERMINALS:  
PHOSPHOR BRONZE

F:\DWG\MISC\MKTG\TMM-1XX-XX-XX-X-SM-XX-X-MKT.SLDDRW

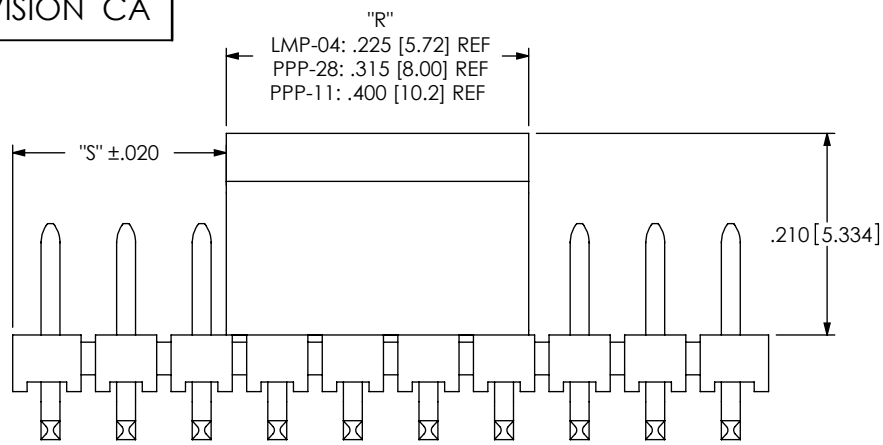
**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
2MM TERMINAL STRIP ASSEMBLY

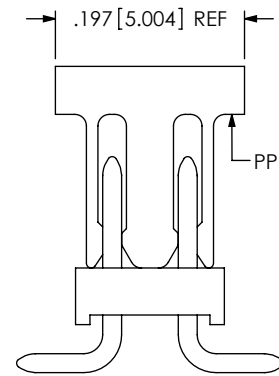
DWG. NO.  
**TMM-1XX-XX-XX-X-SM-XX-X**

BY: REIDINGER 05-22-1991 SHEET 1 OF 3

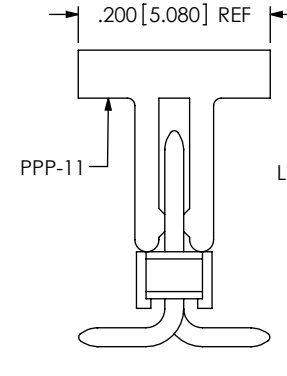


"R" = PAD SIZE ABOVE  
"S" = ((NO OF POS x .07874) - "R") / 2

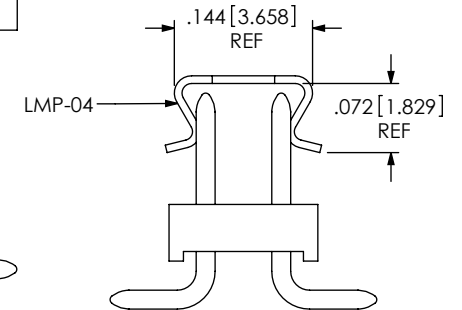
-P: PICK & PLACE PAD



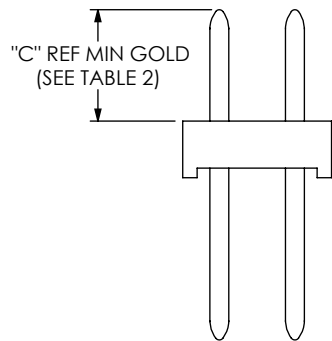
DOUBLE  
FIG 2



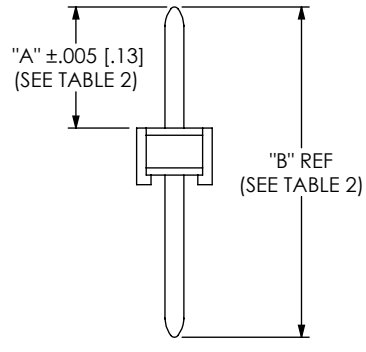
SINGLE



-M: PICK & PLACE PAD  
DOUBLE ONLY

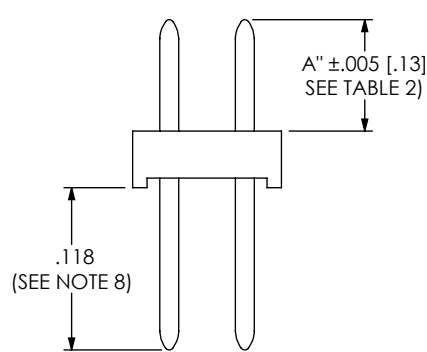


-D

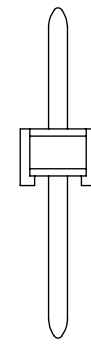


-S

IN-PROCESS 1



-D



-S

IN-PROCESS 2  
-05 & -06 LEAD STYLE ONLY

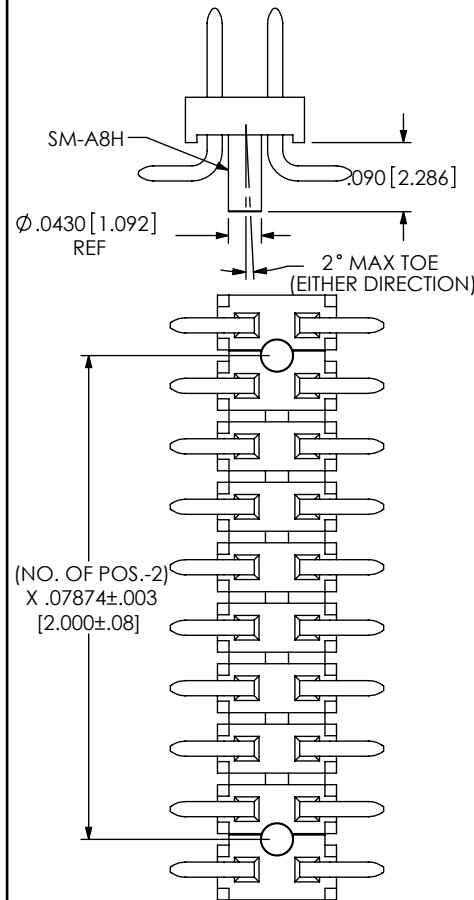
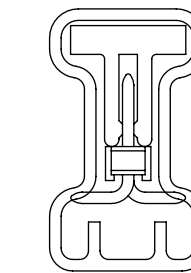
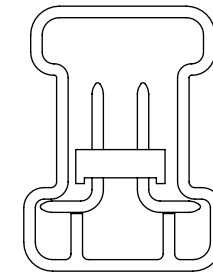


FIG 3  
-A: ALIGNMENT PIN  
(5 POS. PER ROW MINIMUM)

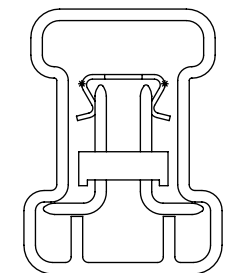
F:\DWG\MISC\MKTG\TMM-1XX-XX-XX-X-SM-XX-X-MKT.SLDRW



PT-1-24-01-17  
TMM-1XX-XX-X-X-SM-S  
TMM-1XX-XX-X-X-SM-S-P



PT-1-24-02-17  
TMM-1XX-XX-X-X-SM-D



PT-1-24-02-17  
TMM-1XX-XX-X-X-SM-D-M

TUBE VIEW

| TABLE 1 (SEE NOTE 5)                |               |       |
|-------------------------------------|---------------|-------|
| OPTION                              | PKG TUBE      | PLUG  |
| -S, -S-P                            | PT-1-24-01-17 | TP-24 |
| -D, -D-A, -D-M, -D-A-M, -D-P, D-A-P | PT-1-24-02-17 | TP-09 |

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:

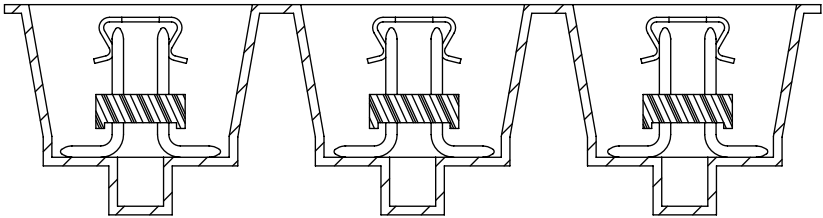
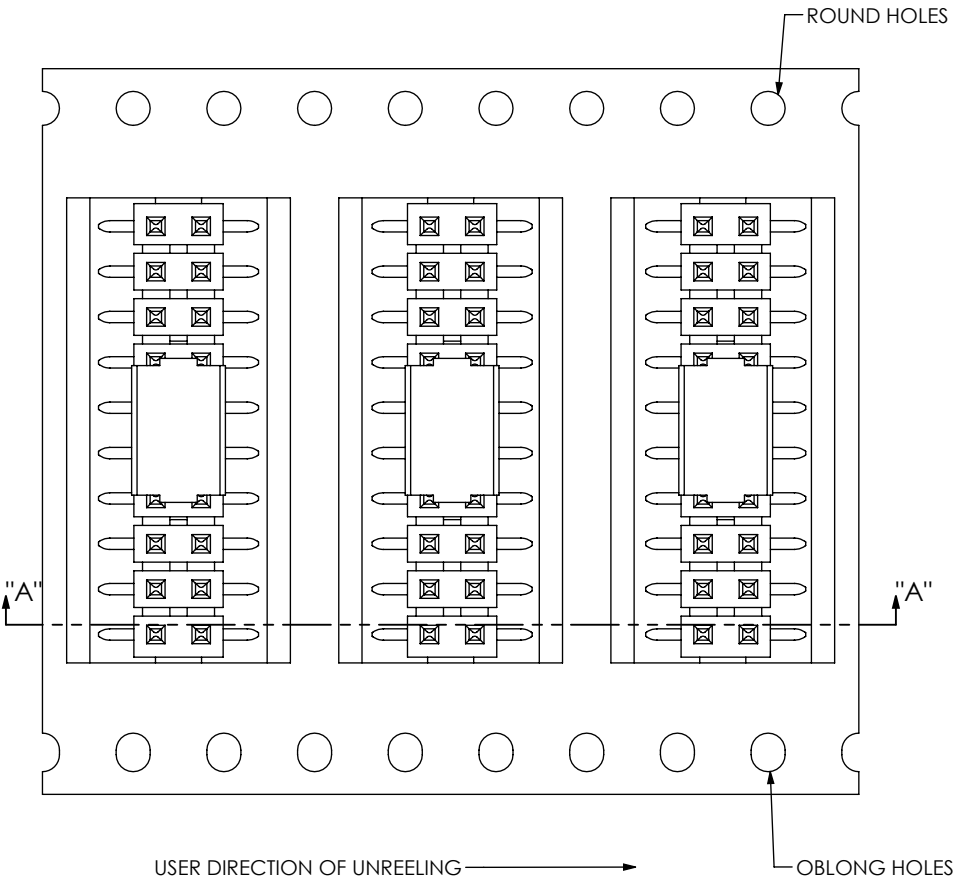
2MM TERMINAL STRIP ASSEMBLY

DWG. NO.

TMM-1XX-XX-XX-X-SM-XX-X

BY: REIDINGER 05-22-1991

SHEET 2 OF 3



TAPE AND REEL VIEW

|                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------|
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| DESCRIPTION:                                                                                                                                                                                                                                                                                                                                                                       |  | 2MM TERMINAL STRIP ASSEMBLY                                                                                                                          |
| DWG. NO.                                                                                                                                                                                                                                                                                                                                                                           |  | TMM-1XX-XX-XX-X-SM-XX-X                                                                                                                              |
| BY: REIDINGER 05-22-1991                                                                                                                                                                                                                                                                                                                                                           |  | SHEET 3 OF 3                                                                                                                                         |