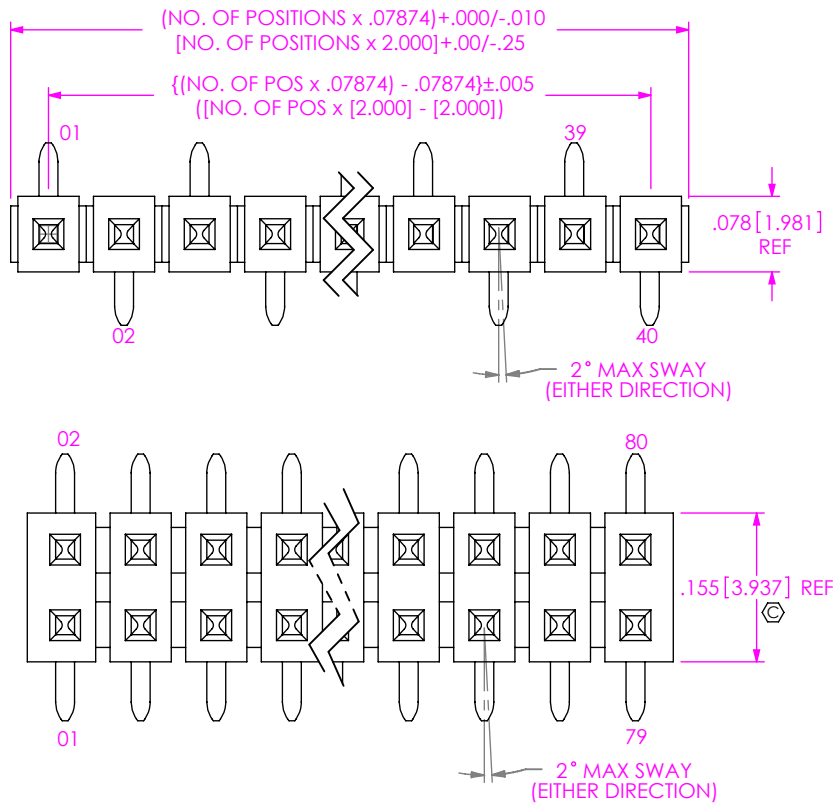




**THE DATASHEET OF  
TMM-110-01-L-D-SM**



DO NOT SCALE FROM THIS PRINT



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)
- 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) (SEE NOTE 11)
- FR: FULL REEL QTY. TAPE & REEL (AVAILABLE ON POS -03 THRU 36, POS 37 THRU -40 AVAILABLE TO EXISTING CUSTOMERS ONLY) (SEE NOTE 12)

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)

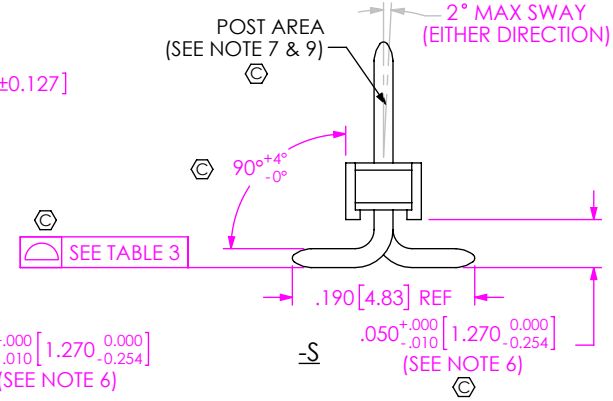
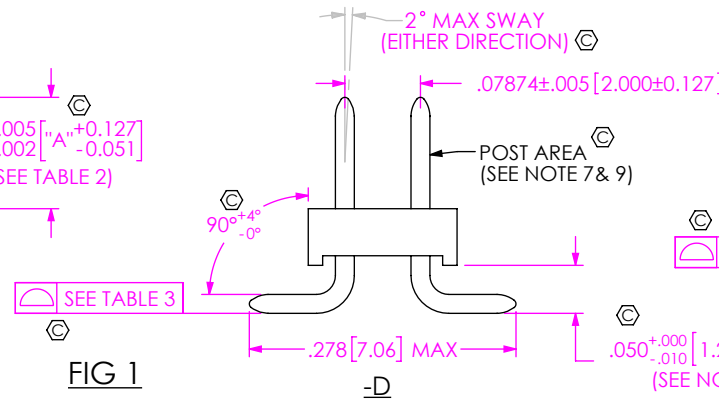
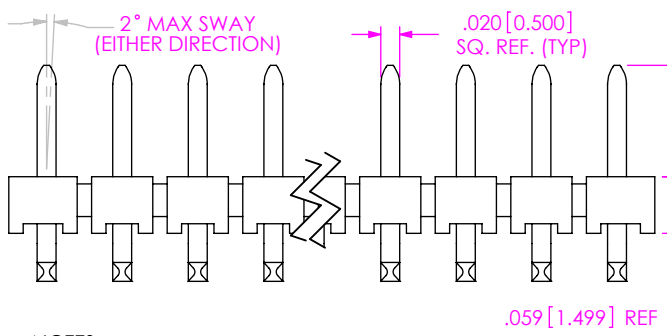
\* FOR EXISTING CUSTOMERS ONLY

**TABLE 3**

No OF POS	
-02 THRU -10	.004 [0.10]
-11 THRU -40	.006 [0.15]

**TABLE 2**

LEAD STYLE	"A" POST	"B" (OAL)	"C"
-01	.126 [3.20]	.302 [7.67]	N/A
-04	.075 [1.91]	.255 [6.48]	.106 [2.69]
-05	.065 [1.65]	.323 [8.20]	.106 [2.69]
-06	.168 [4.27]	.476 [12.09]	N/A



- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. MAX. PIN ROTATION IN BODY: 2°
  3. PUSHOUT FORCE SHALL BE 1 lb MIN.
  4. ALL DIMENSIONS IN BRACKETS [ ] TO BE MILLIMETERS.
  5. PACKAGE POSITIONS 03-40 IN TUBES; LAYER PACKAGE -02 POSITION.
  6. .050 [1.27] DIMS TO BE CHECKED AT BEND RADIUS, NOT AT END OF PIN.
  7. PINS TO BE INSERTED TAIL SIDE FIRST TO AVOID SCRATCHES ON CONTACT.
  8. SHEAR TAILS FOR -05 & -06 LEAD STYLE.
  9. NO BANDOLIER MARKS ARE ALLOWED IN THE POST AREA.
  10. MAX. CUT FLASH: .010 [.25].
  11. -TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
  12. -FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01	2°
.XXX: ±.005	
.XXXX: ±.0020	

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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

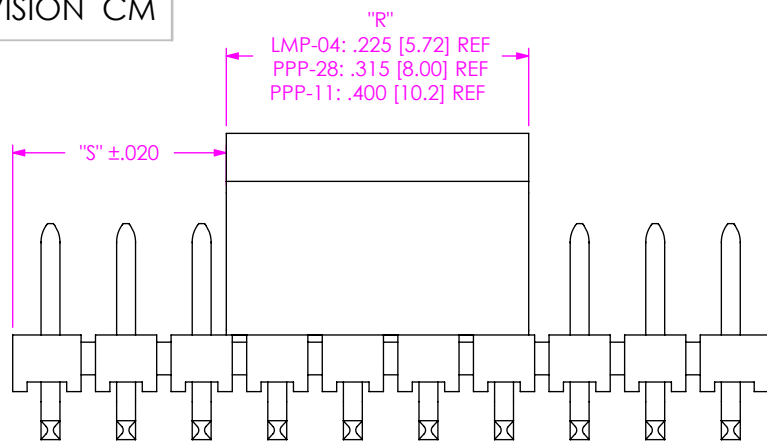


520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 53322

DESCRIPTION: 2MM TERMINAL STRIP ASSEMBLY

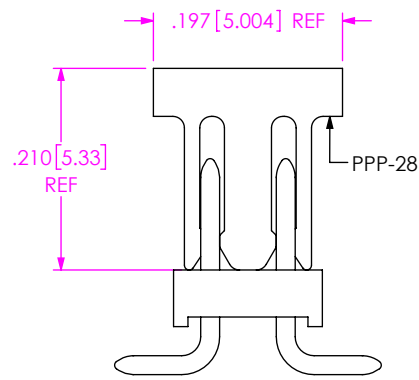
DWG. NO. TMM-1XX-XX-XX-X-SM-XX-X

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

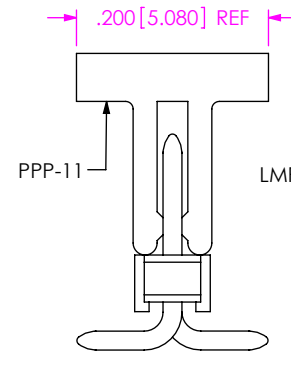


"R"= PAD SIZE ABOVE  
"S" =((No OF POS x .07874)-"R")/2

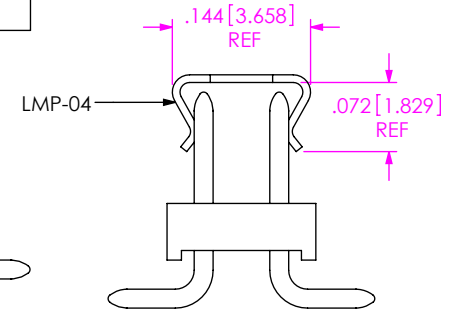
-P: PICK & PLACE PAD



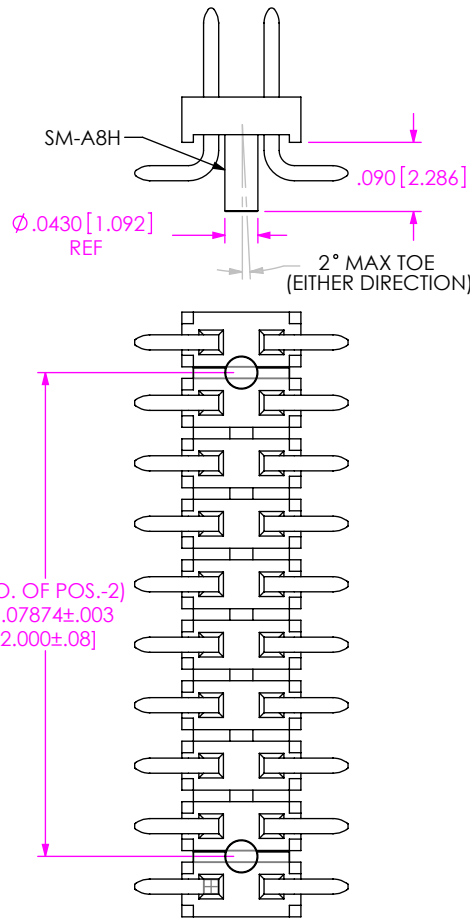
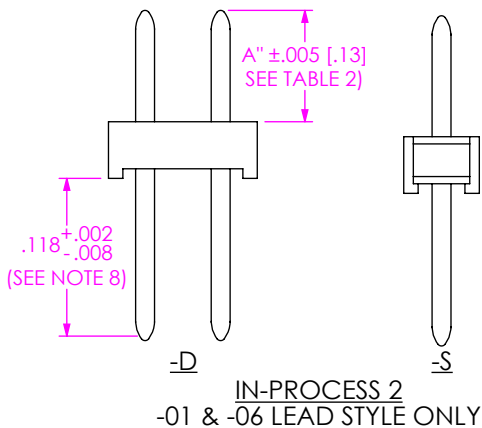
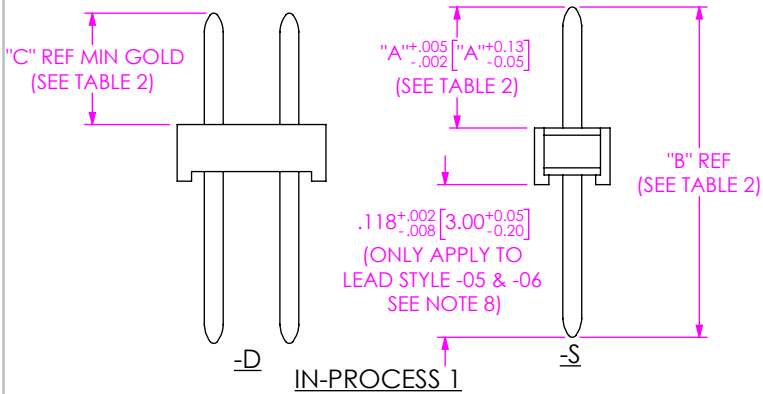
DOUBLE  
FIG 2



SINGLE



-M: PICK & PLACE PAD  
DOUBLE ONLY



(NO. OF POS.-2)  
X .07874±.003  
[2.000±.08]

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

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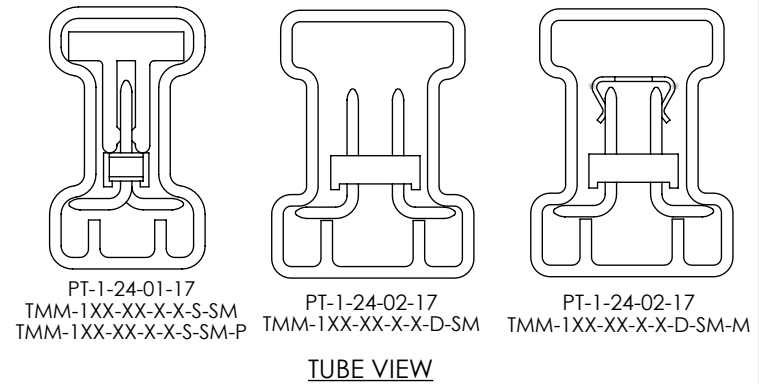


TABLE 1 (SEE NOTE 5)		
OPTION	PKG TUBE	PLUG
-S, -S-P	PT-1-24-01-17	TP-24
-D, -D-A, -D-M, -D-A-M, -D-P, D-A-P	PT-1-24-02-17	TP-03

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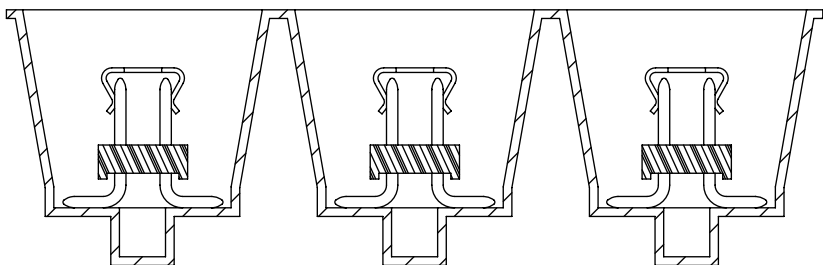
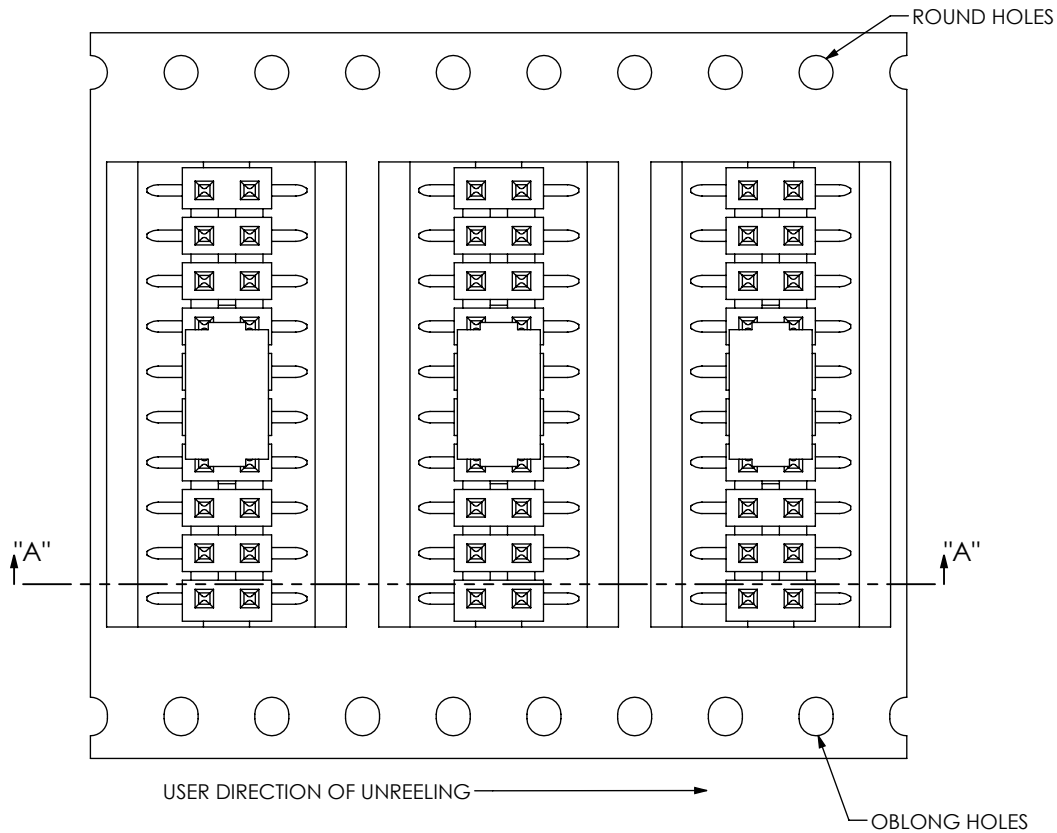


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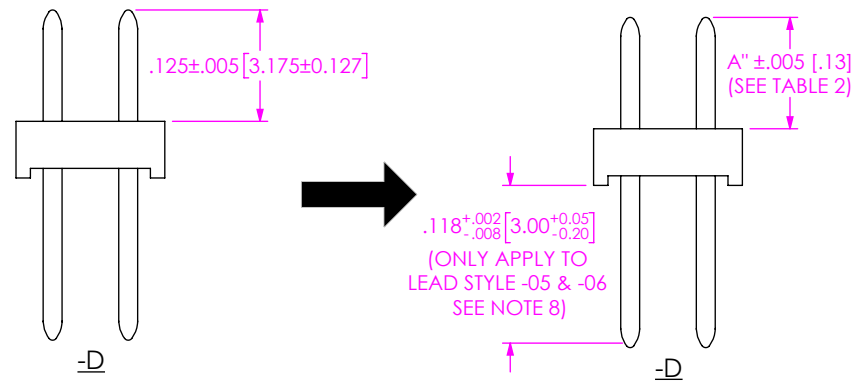
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TMM-1XX-XX-XX-X-SM-XX-X

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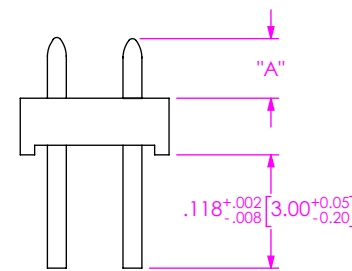


TAPE AND REEL VIEW

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IN-PROCESS 2  
(FOR -04 & -05 LEAD STYLE ONLY)



SHEAR VIEW FOR 05 & 06 LEAD STYLE

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SHEET SCALE: 1:1



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2MM TERMINAL STRIP ASSEMBLY

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

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