

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS

MPT-XX-01-XX-X-RA-XX

**Q** No. OF POSITIONS  
-02, -03, -04, -05, -06, -08

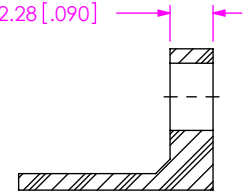
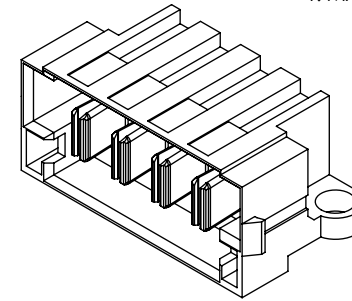
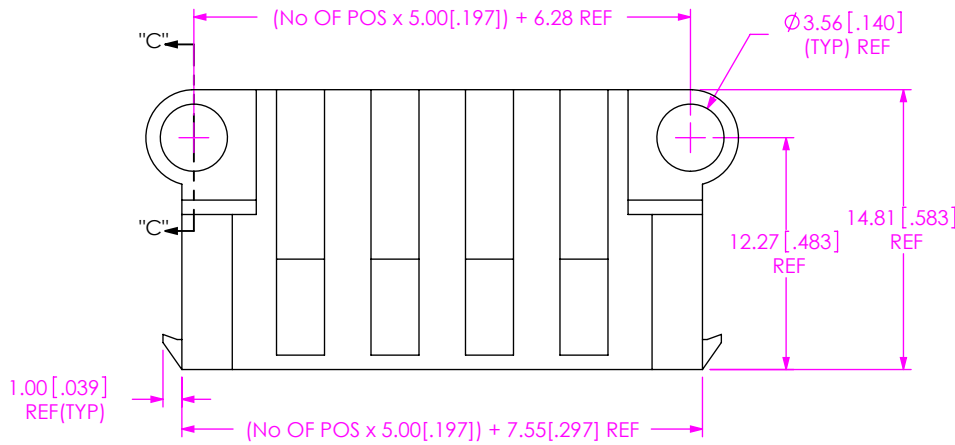
LEAD STYLE  
-01

TAIL LENGTH  
-01: FOR 1.57[.062] THICK PCB  
(USE SUB-T-1M40-01-X)  
-03: FOR 2.36[.093] THICK PCB  
(USE SUB-T-1M40-03-X)

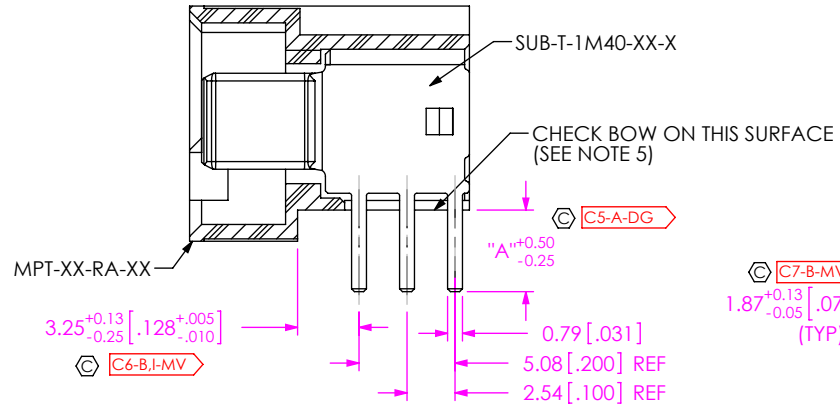
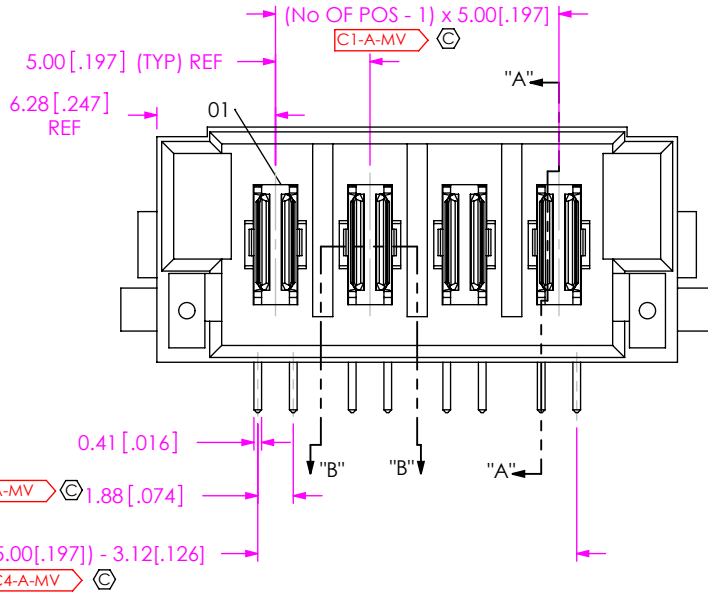
OPTION (SEE NOTE 7)  
(LEAVE BLANK FOR STANDARD OPTION, FOR EXISTING CUSTOMERS ONLY)  
(SEE FIG 3, SHT 2)  
-SD: SCREW DOWN  
(SEE FIG 1, SHT 1)  
-LC: LOCKING CLIP  
(USE LC-07-TM) (SEE FIG 2, SHT 2)

RIGHT ANGLE

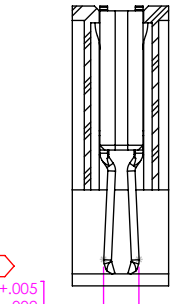
PLATING SPECIFICATION  
-L: 10µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-T: MATTE TIN CONTACT AND TAIL



SECTION "C"- "C"



SECTION "A"- "A"  
SCALE 2.5 : 1



SECTION "B"- "B"

FIG 1  
MPT-04-01-X-RA-SD SHOWN

TABLE 1		
TAIL LENGTH	"A"	SUB-T-1M40-XX-X
-01	2.72[.107]	SUB-T-1M40-01-X
-03	3.51[.138]	SUB-T-1M40-03-X

NOTES:

1.  $\text{C}$  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 4.45N[1 LB].
4. PARTS TO BE PACKAGED IN TRAYS.
5. BOW ALLOWED AT 0.051 MM/MM [.002 IN/IN]
6. MINIMUM -LC PULLOUT FORCE: 2.23N [0.5LB]
7. AS OF REV K SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS WITHOUT -SD OR -LC OPTION SELECTED.

CPC THIS SHEET  
C1, C3, C4, C5, C6, C7

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.X:  $\pm 0.3 [ .01 ]$  2°  
.XX:  $\pm 0.13 [ .005 ]$   
.XXX:  $\pm 0.051 [ .0020 ]$

MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP. COLOR: BLACK  
CONTACT: COPPER ALLOY  
LOCKING CLIP: COPPER ALLOY

PROPRIETARY NOTE

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SHEET SCALE: 2.5:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:	RIGHT ANGLE POWER TERMINAL
DWG. NO.	MPT-XX-01-XX-X-RA-XX
BY:	CLAY W 1/31/2007 SHEET 1 OF 2

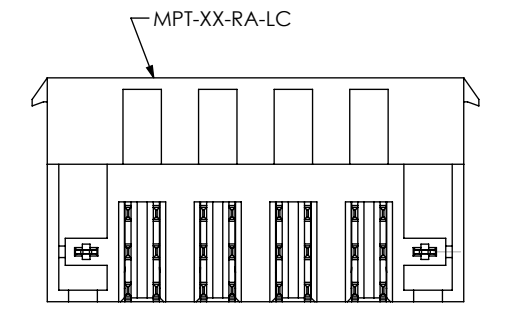
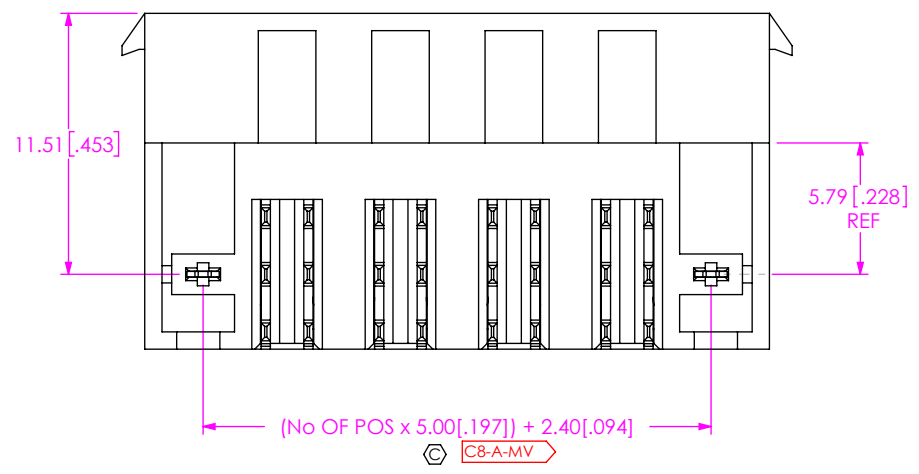
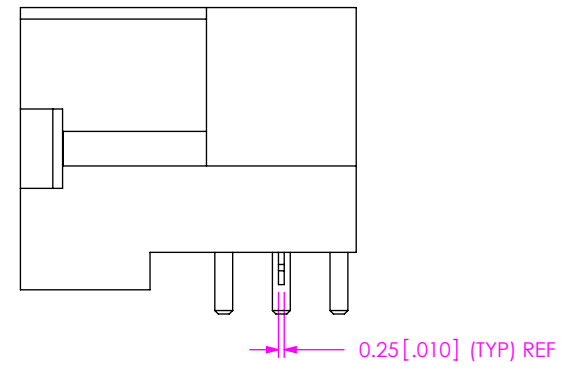
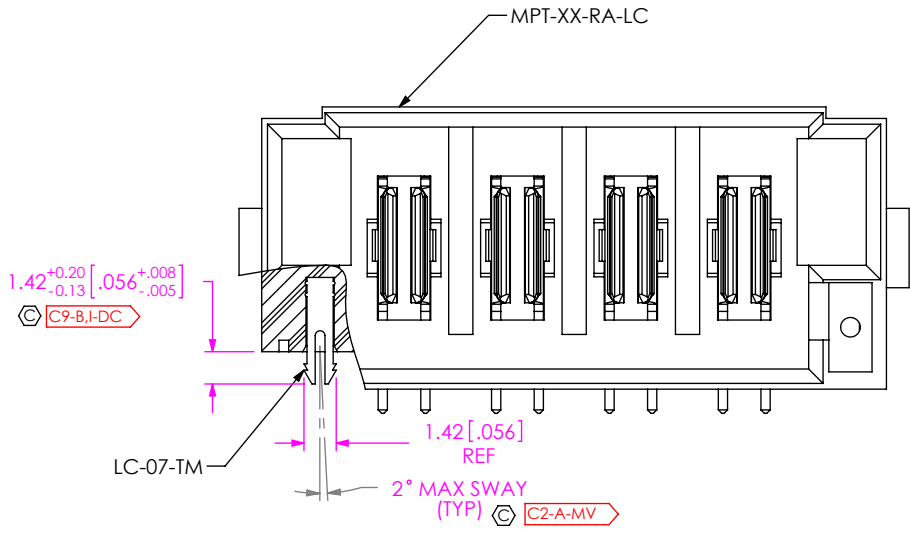


FIG 2  
MPT-04-01-X-RA-LC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

FIG 3  
MPT-04-01-X-RA SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

CONTROL PLAN CRITICAL TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL SUB-T-1M40	C1, C3, C4, C5, C6, C7
FILL LC-07	C2, C8, C9

CPC  
THIS SHEET

C2, C8, C9

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DO NOT SCALE DRAWING  
 SHEET SCALE: 2:1

DESCRIPTION:  
 RIGHT ANGLE POWER TERMINAL  
 DWG. NO.  
 MPT-XX-01-XX-X-RA-XX  
 BY: CLAY W 1/31/2007 SHEET 2 OF 2