

NOTES:

1.  $\text{\textcircled{C}}$  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE 0.038 [0.015] MAX
3. MINIMUM PUSHOUT FORCE: 4.45N [1.000LB]
4. POSITION 1 WILL MATE TO POSITION N.
5. NOTE DELETED.
6. MAX MATING/UN-MATING ANGLE: 5°
7. PARTS TO BE PACKAGED IN TRAYS.
8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS(SPES) FOUND ON WWW.SAMTEC.COM.
9. ATTACH LABEL TO EACH REEL.

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

**No OF POSITIONS**  
 -02: USE MPPT-02-RA-XX  
 -04: USE MPPT-04-RA-XX  
 -06: USE MPPT-06-RA-XX  
 -08: USE MPPT-08-RA-XX  
 -10: USE MPPT-10-RA-XX

**TAPE & REEL**  
 (SEE NOTES 7,8 & 9)  
 BLANK: STANDARD  
 -TR: TAPE & REEL  
 -FR: FULL REEL QTY TAPE & REEL

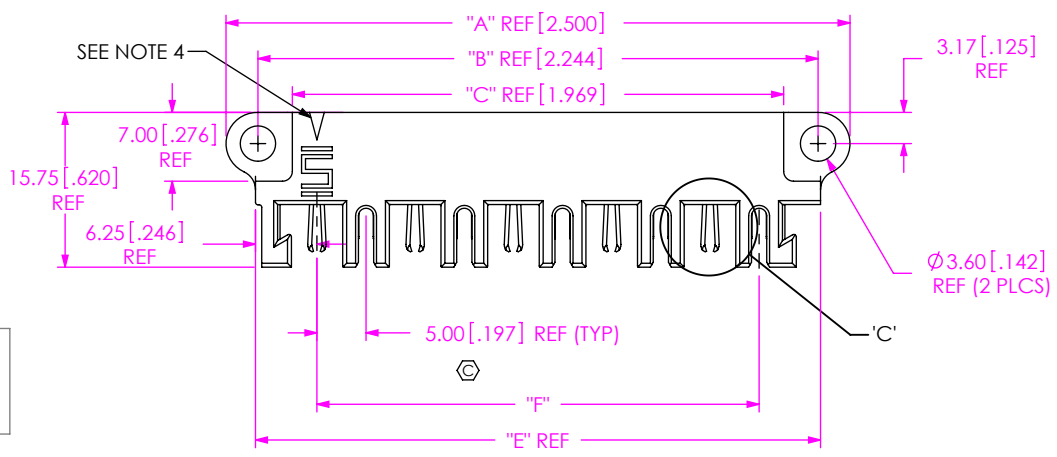
**LEAD STYLE**  
 -01

**OPTION**  
 -SD: SCREW DOWN

**TAIL LENGTH**  
 -01: FOR 1.57 [0.062] THICK PCB (USE SUB-T-1M40-01-X AND SUB-C-215-01-X)  
 -02: FOR 2.36 [0.093] THICK PCB (USE SUB-T-1M40-03-X AND SUB-C-215-04-X)

**RIGHT ANGLE**

**PLATING**  
 -L: LIGHT SELECTIVE GOLD/MATTE TIN TAIL  
 -T: MATTE TIN ALL OVER



DO NOT SCALE FROM THIS PRINT

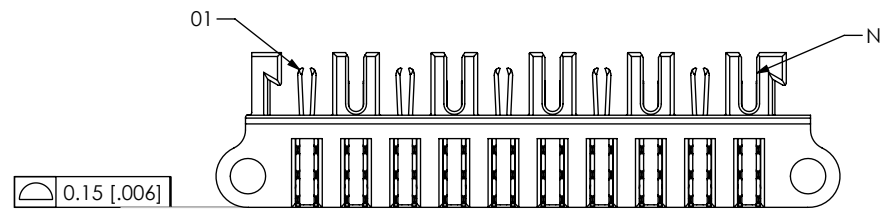
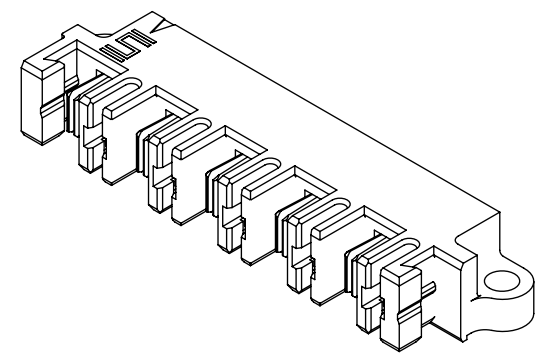
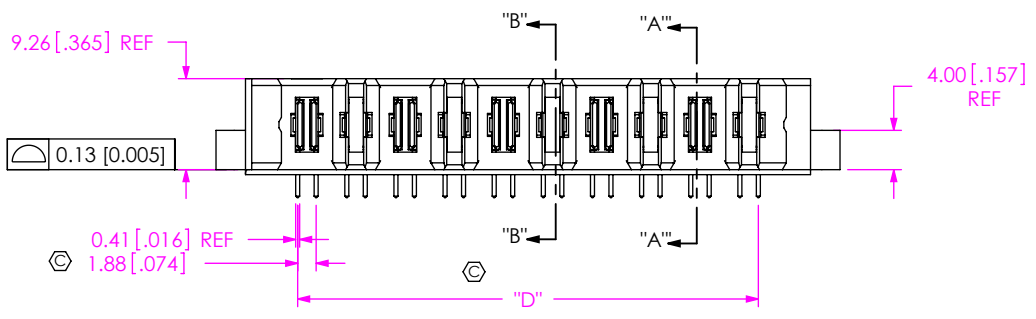


FIG 1 (MPPT-10-01-X-RA-SD SHOWN)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.  
 TOLERANCES ARE:  
 DECIMALS ANGLES  
 X.X: ±0.3 [0.1]  
 X.XX: ±0.13 [0.05]  
 X.XXX: ±0.05 [0.020]

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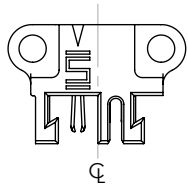
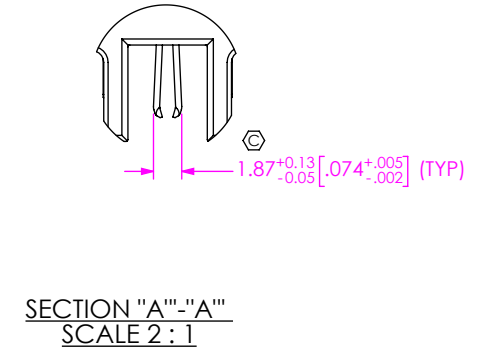
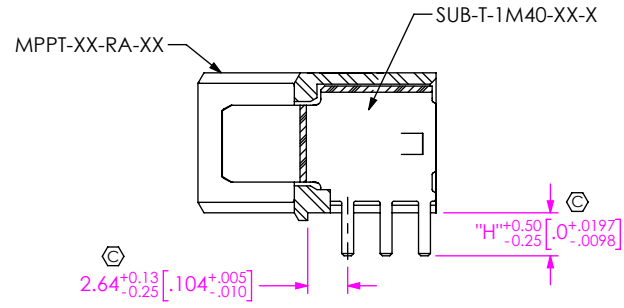
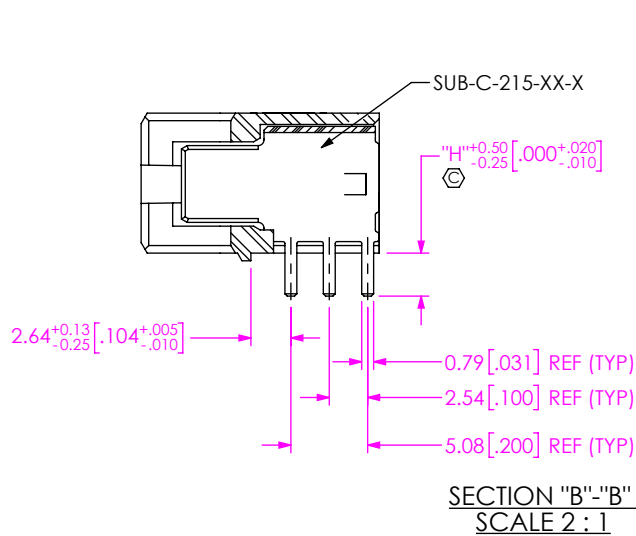
TABLE 1																		
No. OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"											
-02	23.50	0.925	17.00	0.669	10.00	0.394	6.88	0.271	17.50	0.689	5.00	0.551						
-04	33.50	1.319	27.00	1.063	20.00	0.787	16.88	0.665	27.50	1.083	15.00	0.591	24.00	0.945				
-06	43.50	1.713	37.00	1.457	30.00	1.181	26.88	1.058	37.50	1.476	25.00	0.984	34.00	1.339				
-08	53.50	2.106	47.00	1.850	40.00	1.575	36.88	1.452	47.50	1.870	35.00	1.378	44.00	1.732				
-10	63.50	2.500	57.00	2.244	50.00	1.969	46.88	1.846	57.50	2.264	45.00	1.772	54.00	2.126				

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1:1

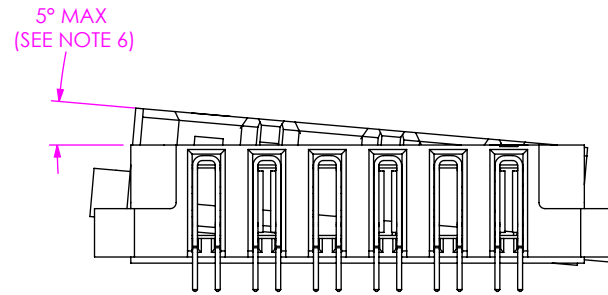
INSULATOR: LCP, COLOR: BLACK  
 CONTACT AND TERMINAL: COPPER ALLOY.

**DESCRIPTION:**  
 5mm RA POWER CONNECTOR BODY  
**DWG. NO.**  
 MPPT-XX-01-XX-X-RA-SD-XX  
**BY:** B RAY 08/18/2009 SHEET 1 OF 2

TABLE 2			
TAIL LENGTH	"H"	SUB-C-215-XX-X	SUB-T-1M40-XX-X
MPPT-XX-01-01-X-RA-XX-XX	2.84 [0.112]	SUB-C-215-01-X	SUB-T-1M40-01-X
MPPT-XX-01-02-X-RA-XX-XX	3.63 [0.143]	SUB-C-215-04-X	SUB-T-1M40-03-X



**FIG 2**  
(MPPT-02-01-01-X-RA-SD SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



**FIG 4**  
(MPPT-06-01-01-X-RA-SD SHOWN)  
(SEE NOTE 6)

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SHEET SCALE: 1:1

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DESCRIPTION:  
5mm RA POWER CONNECTOR BODY

DWG. NO.  
**MPPT-XX-01-XX-X-RA-SD-XX**

BY: B RAY 08/18/2009 SHEET 2 OF 2