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THIS PRINT

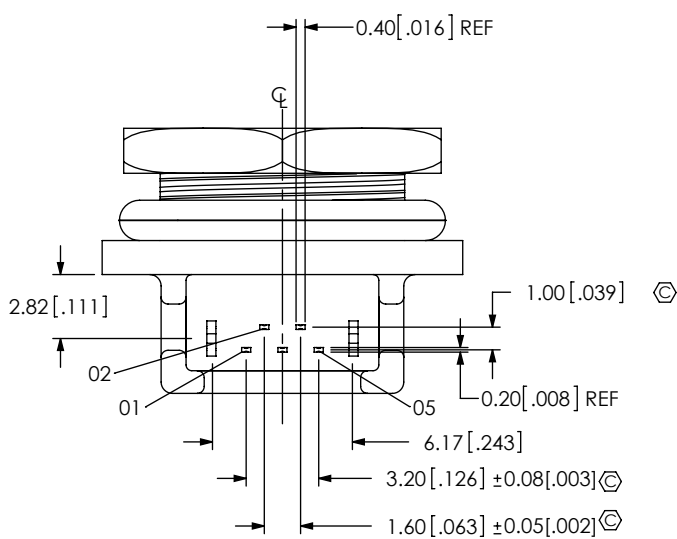
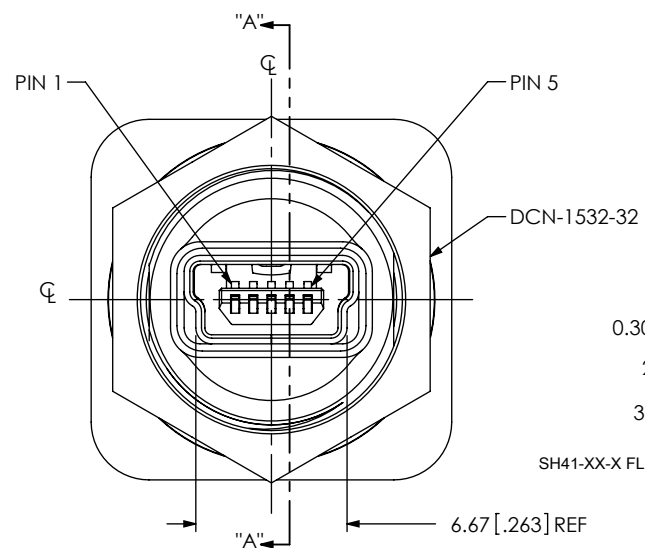
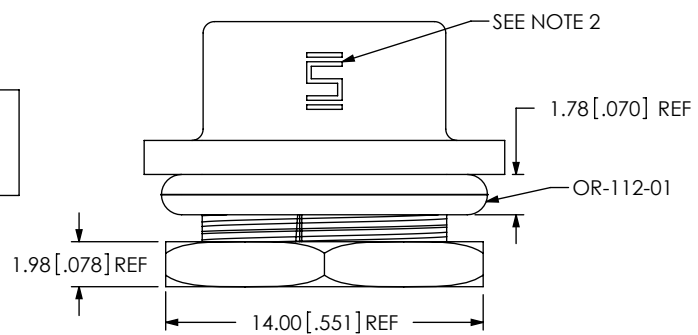


FIG 1  
SPM-05-S-B-RA-PF SHOWN

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

SPM-05-X-X-XXX-PF

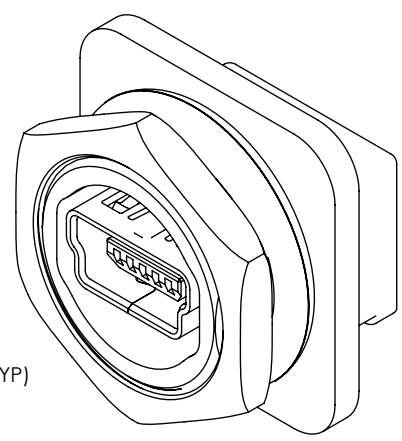
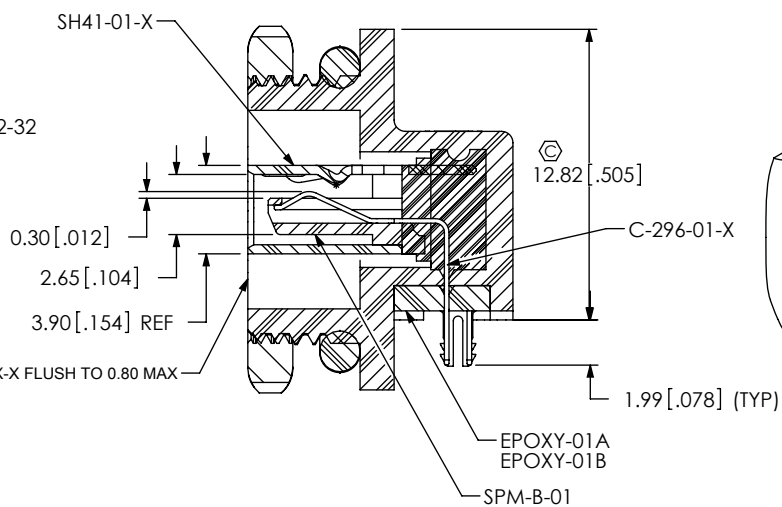
No OF POSITIONS  
-05

PLATING SPECIFICATION  
-S: SELECTIVE, .000030 GOLD  
ON POST, TIN ON TAIL

TYPE  
-B

OPTION  
-PF: PANEL FLANGE

TERMINATION  
-RA: RIGHT ANGLE  
(SHEET 1, FIG 1)  
-VT1: VERTICAL THROUGH HOLE  
(SHEET 2, FIG 2)(SEE NOTE 6)  
-VT2: VERTICAL THROUGH HOLE  
FOR THICKER PANELS  
(SHEET 7, FIG 3)(SEE NOTE 6)



NOTES:

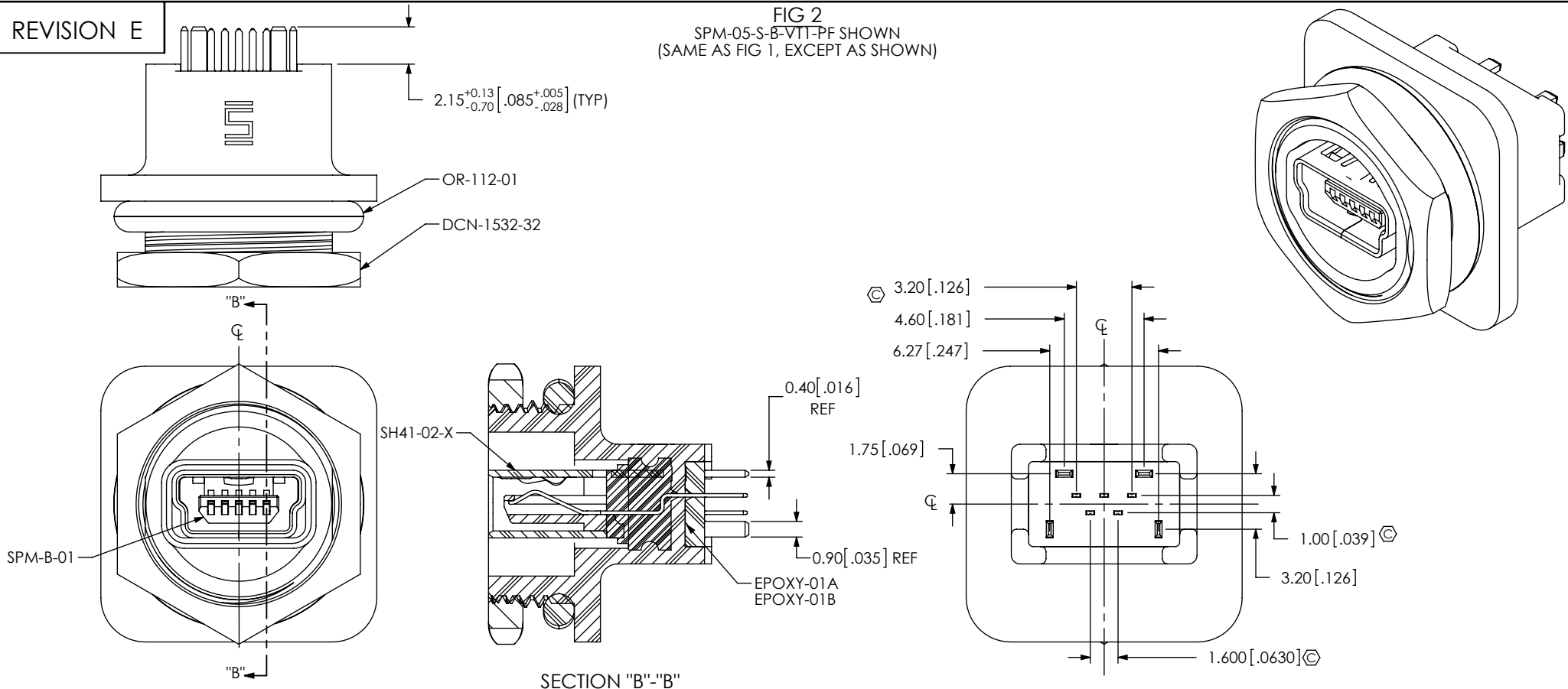
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. SAMTEC LOGO SHALL APPEAR AT LOCATIONS ON SURFACE SHOWN, APPROXIMATELY 2.50 x 1.56.
3. MINIMUM PUSH OUT FORCE: 1N [.25 LB].
4. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO POSTS: 0.13 [.005].
5. MAXIMUM ALLOWABLE BOW: 0.05 [.002] MM/MM AFTER ASSEMBLY.
6. MAXIMUM PANEL THICKNESS: 2.03 [.080] FOR -RA AND -VT1, MAX PANEL THICKNESS: 5.21 [.205] FOR -VT2, RECOMMENDED PANEL CUT OUT ON SHEET 3.
7. FLATS REQUIRED AT R<sub>1</sub> OF CAMS TO AVOID DRAGGING THREADS.
8. REQUIRED INSTALLATION TORQUE FOR NUT: 0.28-0.56 N-M [2.5-5.0 IN-LBS].
9. PARTS TO BE PACKAGED IN TUBES.

SECTION "A"-"A"

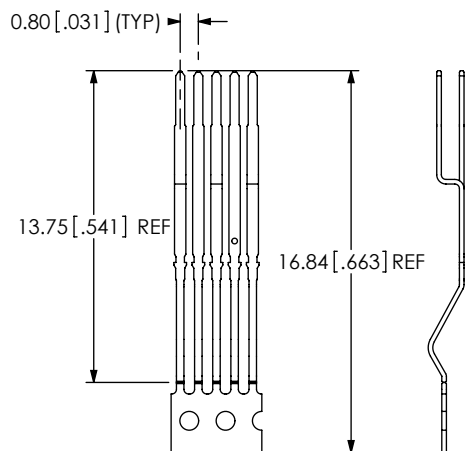
<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>X.X: ±0.3 [.01] 2°</p> <p>X.XX: ±0.13 [.005]</p> <p>X.XXX: ±0.051 [.0020]</p>	<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p>	<p><b>samtec</b></p> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p>
<p>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.333333</p> <p>INSULATOR: LCP COLOR: BLACK</p> <p>CONTACT: PHOS BRONZE</p> <p>SHIELD: PHOS BRONZE</p> <p>SEAL: SILICONE</p> <p>PREMOLD: PBT, COLOR: BLACK</p> <p>OVERMOLD: LCP; MAX REGRIND: 50%, COLOR: BLACK</p> <p>F:\DWG\MISC\MKTG\SPM-05-X-X-XXX-PF-MKT.SLDRW</p>	<p>DESCRIPTION:</p> <p>SEALED PORT MINI USB</p> <p>DWG. NO.</p> <p>SPM-05-X-X-XXX-PF</p> <p>BY: T NEWTON 06/30/2009 SHEET 1 OF 7</p>	

REVISION E

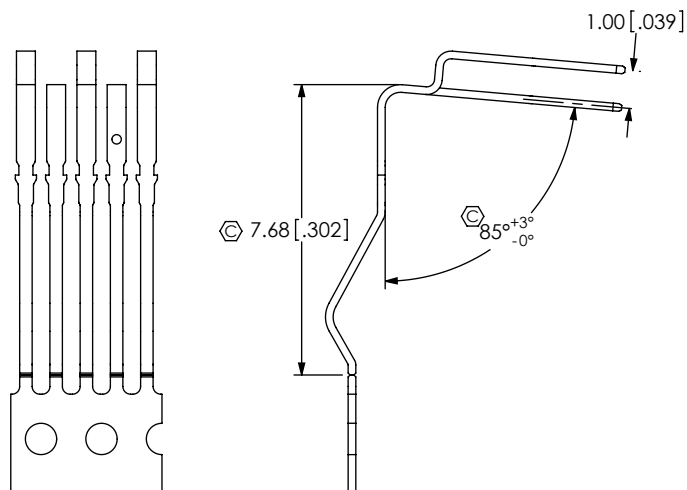
FIG 2  
SPM-05-S-B-VTT-PF SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)



-RA IN-PROCESS 1  
CUT COMBS C-296-01-X

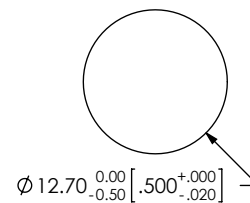


-RA IN-PROCESS 2  
FORM C-296-01-X

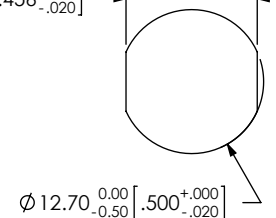


RECOMMENDED PANEL CUTOUTS  
(SEE NOTE 6)

OPTION 1



OPTION 2



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DESCRIPTION:

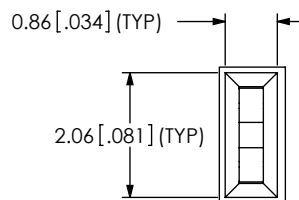
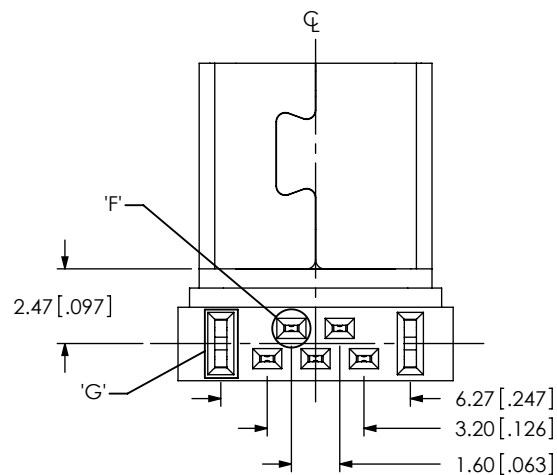
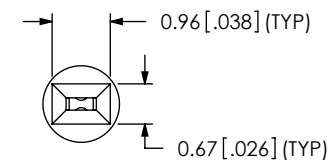
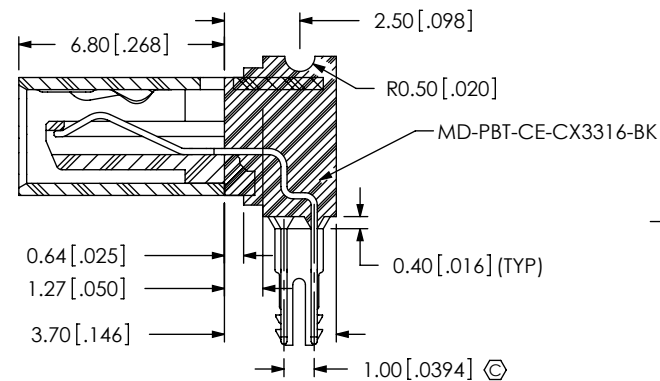
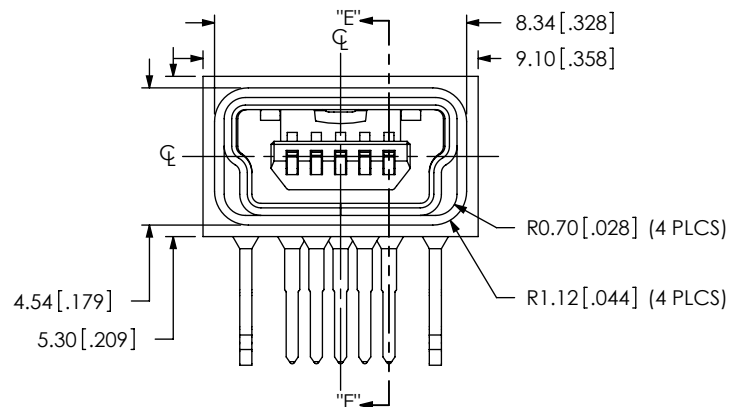
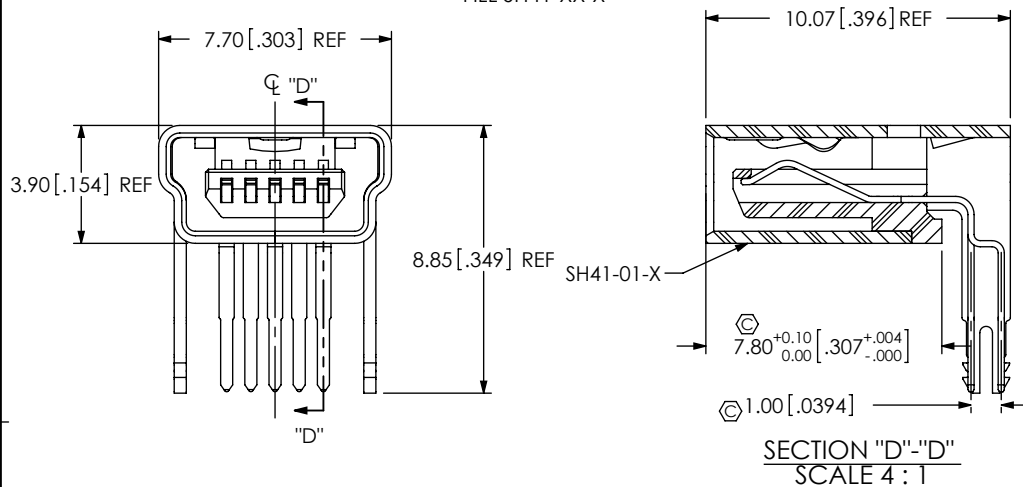
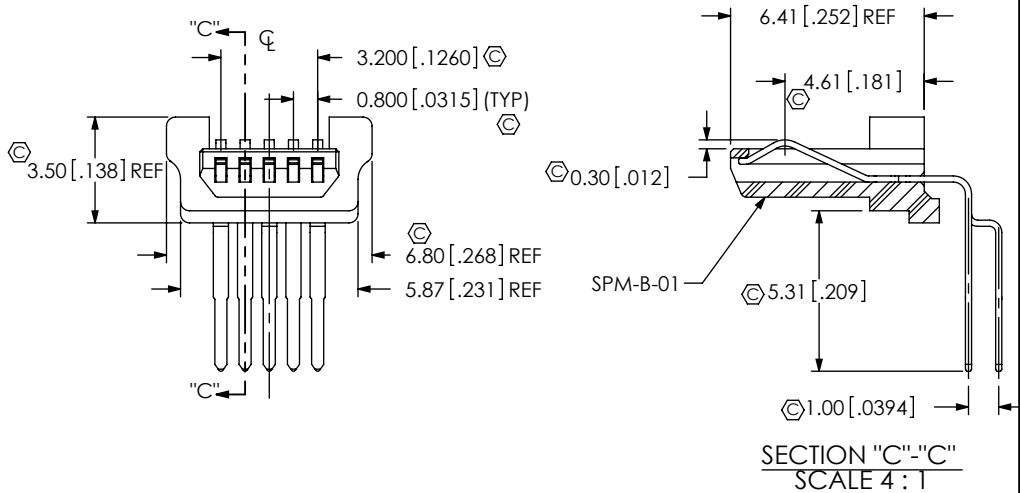
SEALED PORT MINI USB

DWG. NO.

SPM-05-X-X-XXX-PF

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SHEET 2 OF 7



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SHEET SCALE: 1:0.2

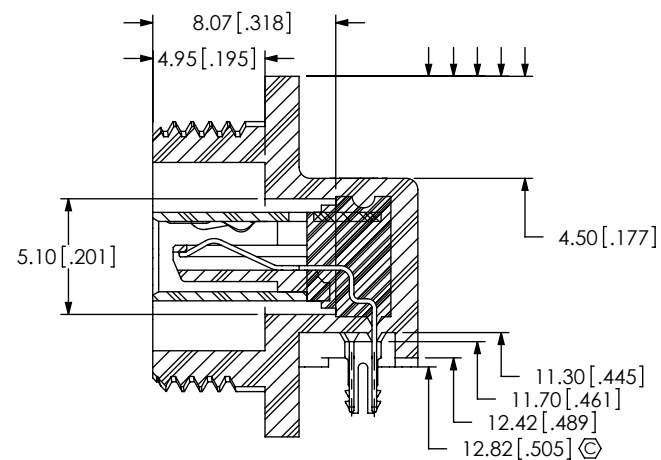
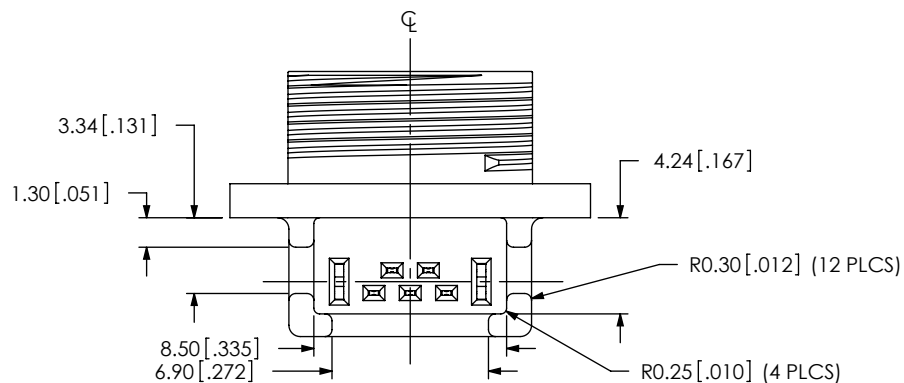
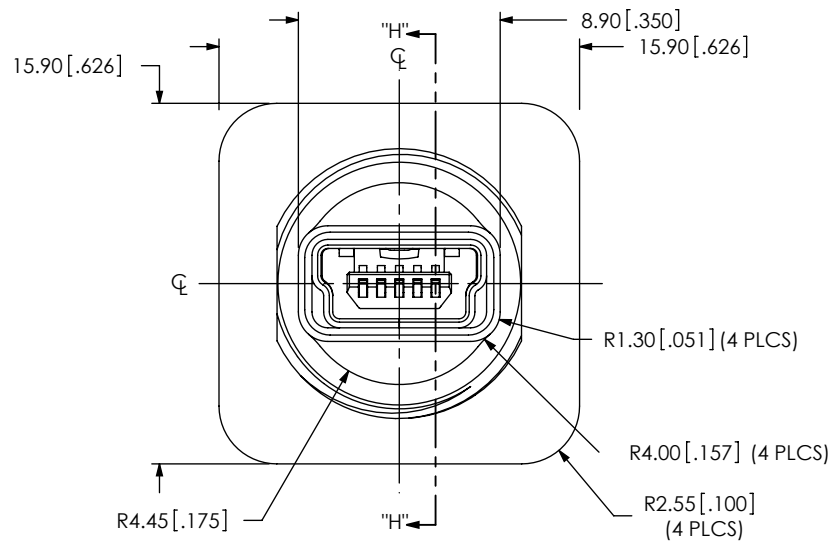
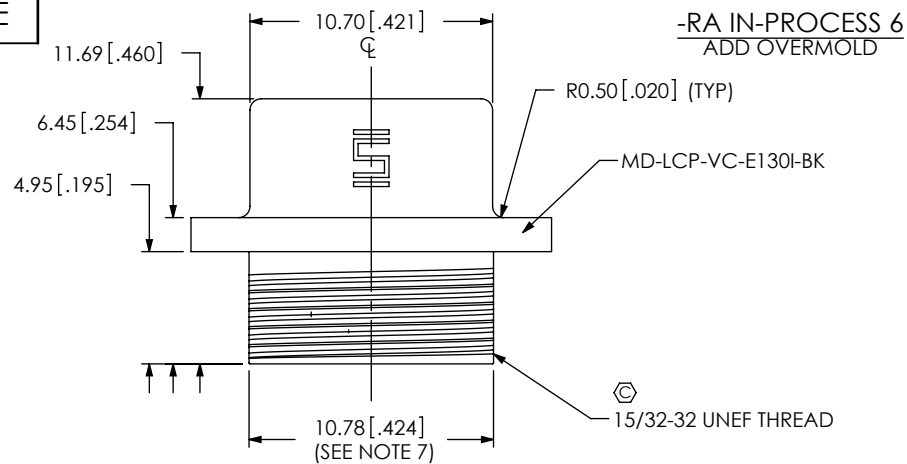
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DESCRIPTION:  
SEALED PORT MINI USB

DWG. NO.  
SPM-05-X-X-XXX-PF

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SECTION "H"-H'

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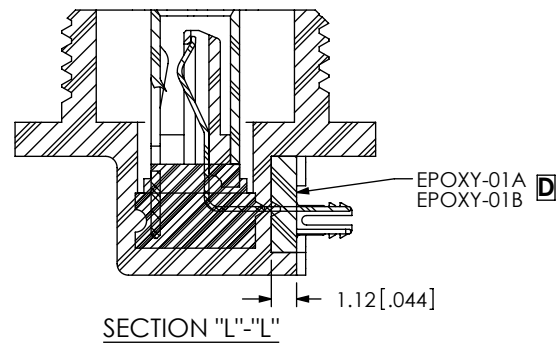
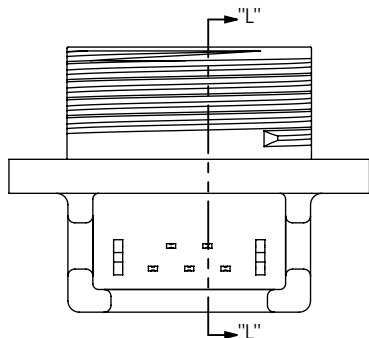
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DESCRIPTION: SEALED PORT MINI USB

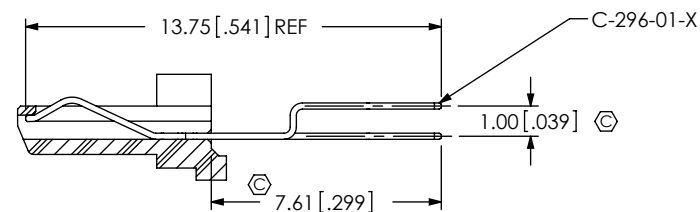
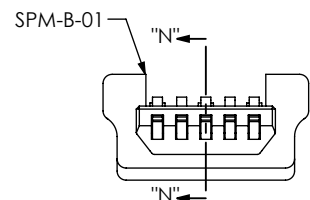
DWG. NO. SPM-05-X-X-XXX-PF

BY: T NEWTON 06/30/2009 SHEET 4 OF 7

-RA IN-PROCESS 7  
ADD EPOXY-01A/EPOXY-01B D

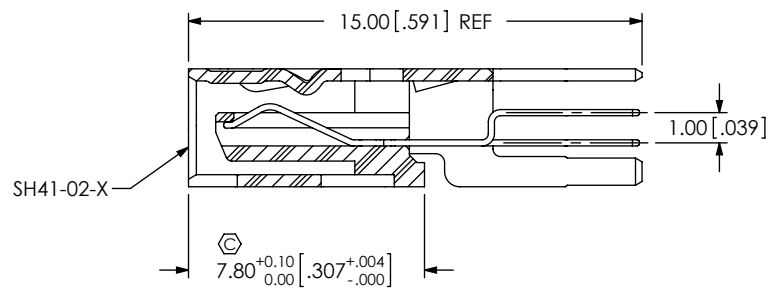


-VTX IN-PROCESS 1  
FILL C-296-01-X  
(SAME AS -RA IN-PROCESS 3, EXCEPT AS SHOWN)

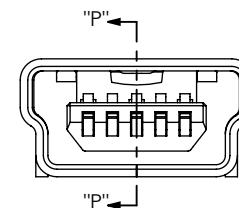


SECTION "N"-"N"

-VTX IN-PROCESS 2  
FILL SH41-XX-X  
(SAME AS -RA IN-PROCESS 4, EXCEPT AS SHOWN)



SECTION "P"-"P"



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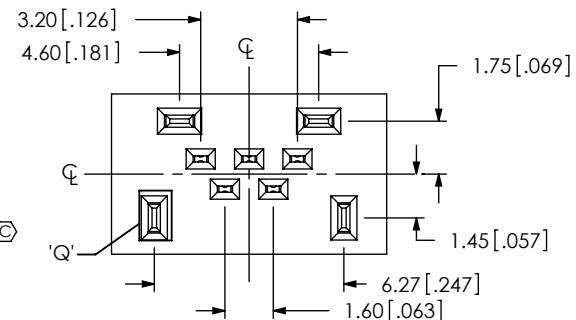
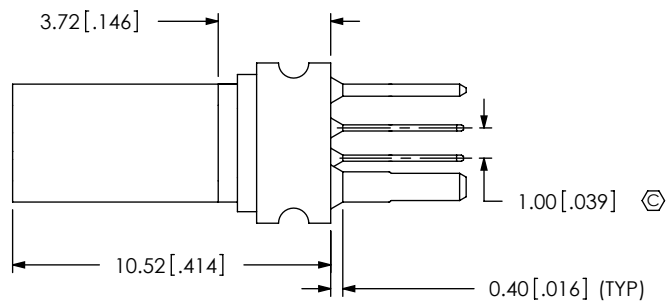
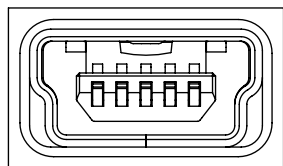
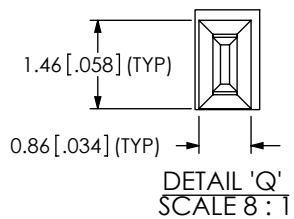
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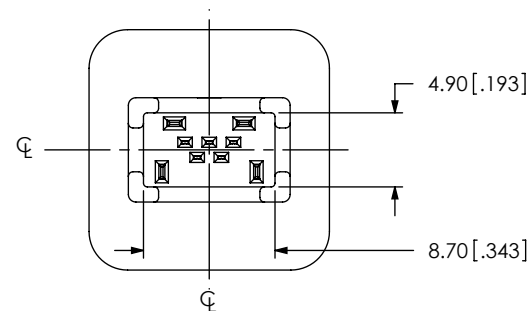
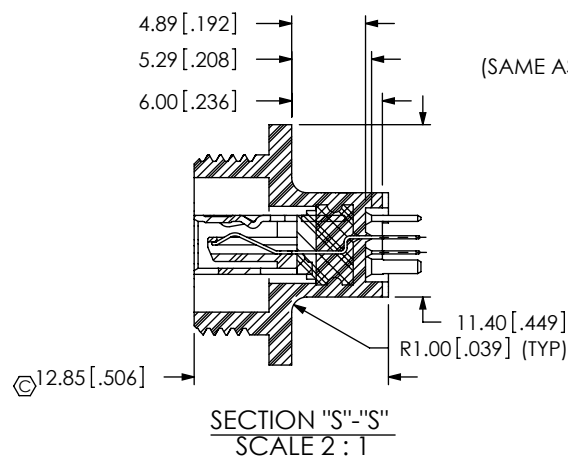
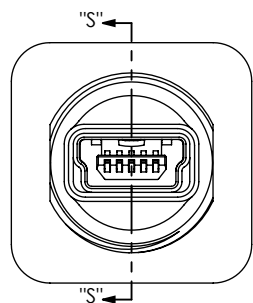
DWG. NO.  
SPM-05-X-X-XXX-PF

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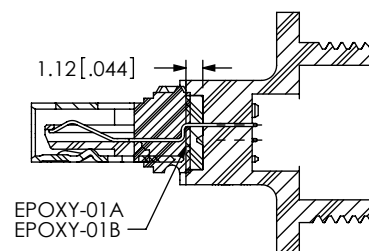
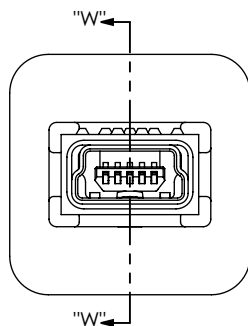
**-VTX IN-PROCESS 3**  
ADD PREMOLD  
(SAME AS -RA IN-PROCESS 5, EXCEPT AS SHOWN)



**-VTX IN-PROCESS 4**  
ADD OVERMOLD  
(SAME AS -RA IN-PROCESS 6, EXCEPT AS SHOWN)



**-VTX IN-PROCESS 5**  
ADD EPOXY-01A/EPOXY-01B  
(SAME AS -RA IN-PROCESS 7, EXCEPT AS SHOWN)



SECTION "W"-"W"  
SCALE 2 : 1

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SHEET SCALE: 4:1

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DESCRIPTION:

SEALED PORT MINI USB

DWG. NO.

SPM-05-X-X-XXX-PF

BY: T NEWTON 06/30/2009

SHEET 6 OF 7

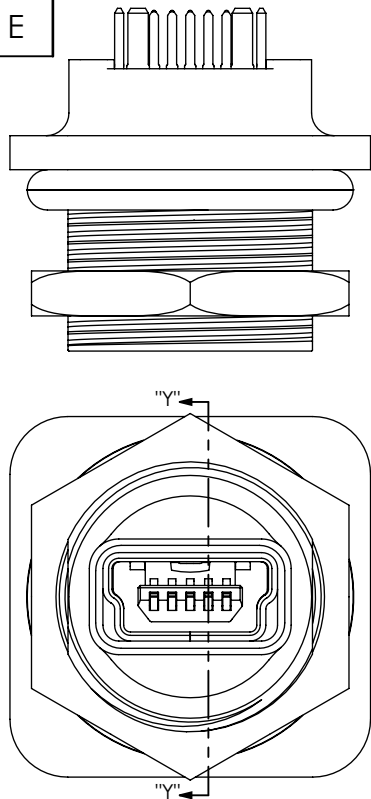
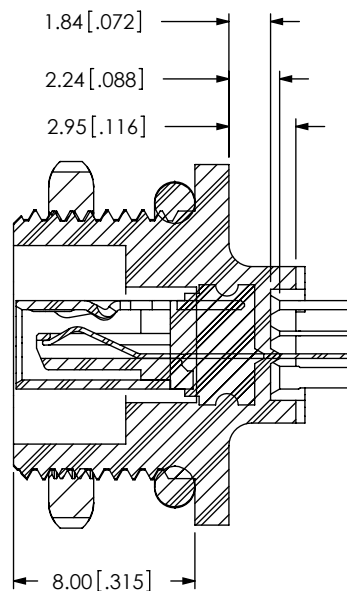
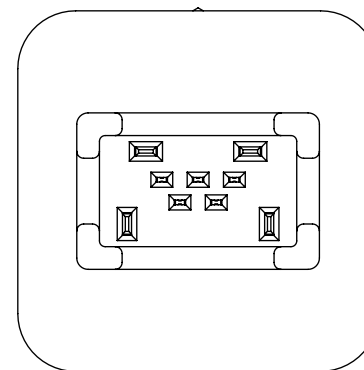
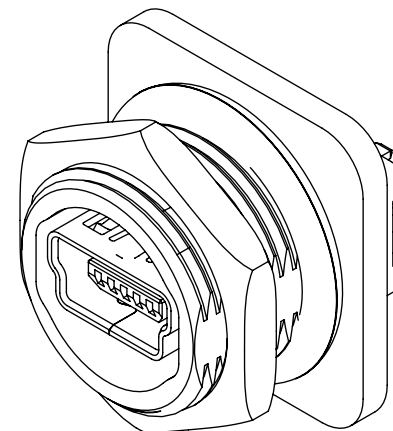


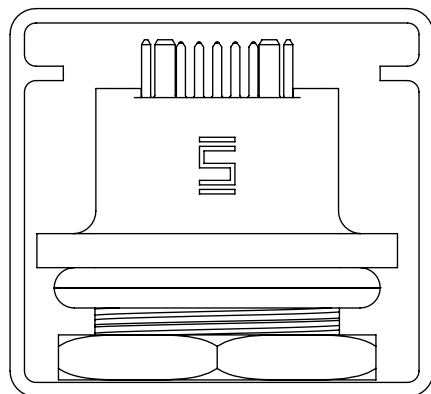
FIG 3  
SPM-05-S-B-VT2-PF SHOWN  
(SAME AS FIG 2, EXCEPT AS SHOWN)



SECTION "Y"-"Y"  
SCALE 3 : 1

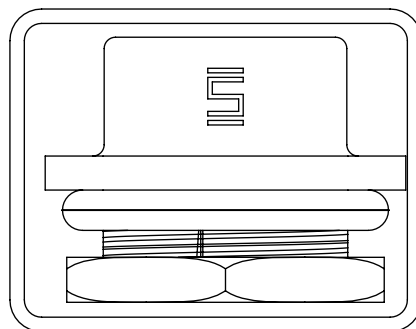


PACKAGING VIEW  
-VT1 AND -VT2



TUBE: PT-YFW-12T-P  
PLUG: TP-28

PACKAGING VIEW  
FOR -RA



TUBE: PT-1-24-02-112  
PLUG: TP-28

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