

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF01-P-C-EP-180B-SS

SERIES  
-01: SMA

GENDER  
-P: PLUG

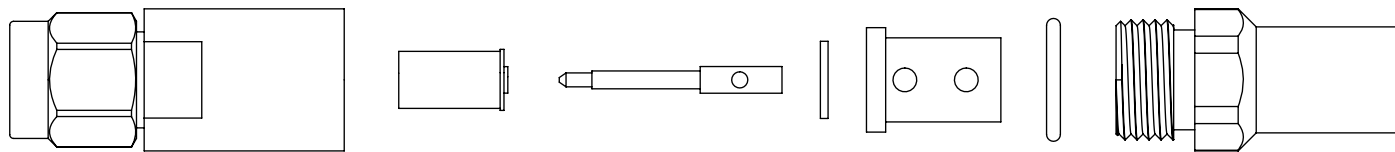
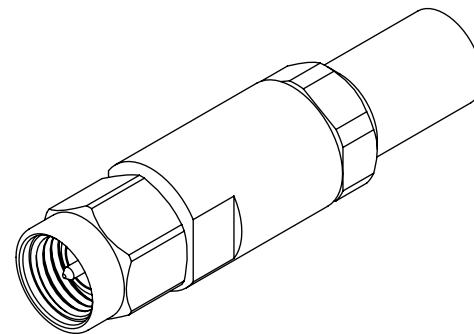
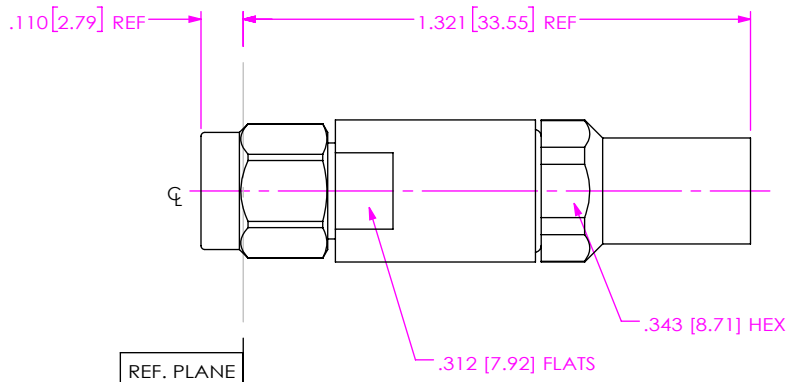
TYPE  
-C: CABLE

FINISH  
-EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-S: STRAIGHT

CABLE TYPE  
-180B: IW1801



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

NOTES:

1. MATERIAL:

BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.  
CONTACT & LOCK RING: BERYLLIUM COPPER.  
SOLDER FERRULE: BRASS.  
GASKET & O-RING: SILICONE RUBBER  
INSULATOR: PTFE.  
DIELECTRIC STOP: ULTEM 1000.

2. FINISH:

BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.  
SOLDER FERRULE, CONTACT: GOLD OVER NICKEL PLATE,  
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.

3. PCI P/N: 3606.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3] 1°  
.XXX: ±.005 [0.13]  
.XXXX: ±.0005 [0.013]

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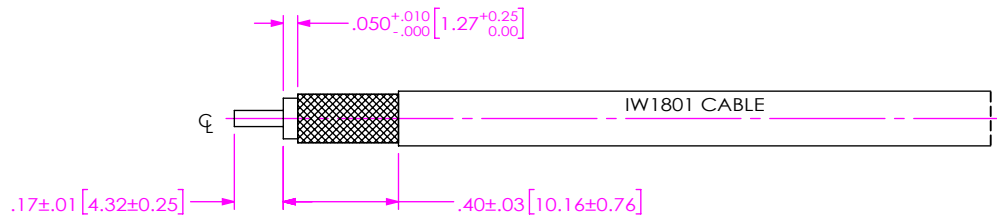
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR IW1801 CABLE

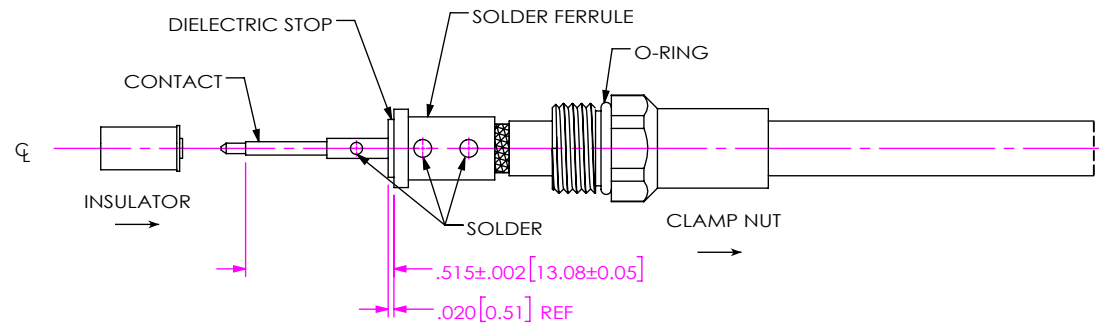
DWG. NO. PRF01-P-C-EP-180B-SS

BY: EVE L 12/21/2020 SHEET 1 OF 2



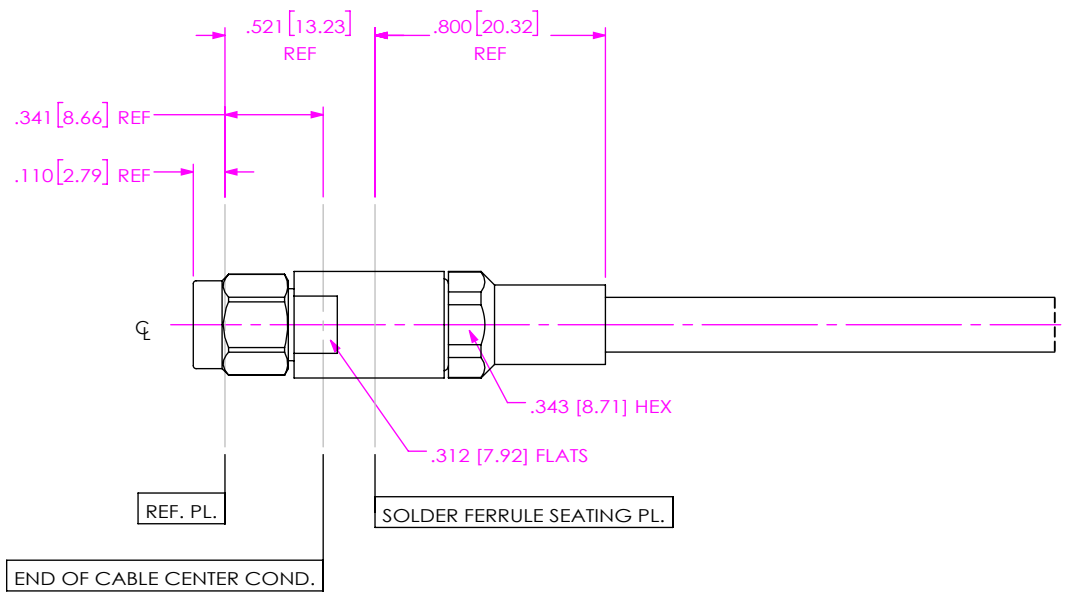
1A. TRIM CABLE TO EXPOSE OUTER BRAID, FOIL AND CENTER CONDUCTOR AS SHOWN.

IN-PROCESS 1



- 2A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS AND SOLDER TO BRAIDS WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER.
- 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.
- 2E. SLIDE INSULATOR ONTO CONTACT AGAINST SHOULDER.

IN-PROCESS 2



3A. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.

IN-PROCESS 3

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	<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>DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR IW1801 CABLE</p>	<p>DWG. NO. PRF01-P-C-EP-180B-SS</p>
<p>BY: EVE L</p>	<p>12/21/2020</p>	<p>SHEET 2 OF 2</p>