

DO NOT SCALE FROM THIS PRINT

PRF35-P-C-EP-210A-SS

**SERIES**  
-35: 3.5mm

**GENDER**  
-P: PLUG

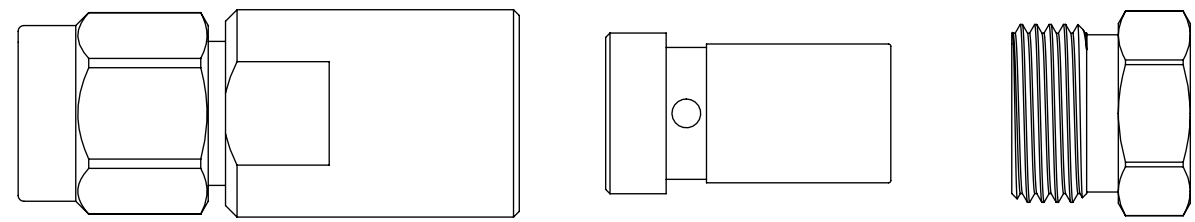
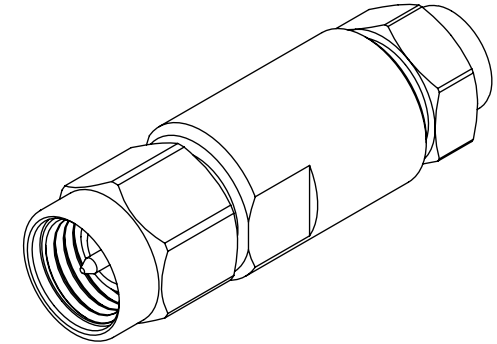
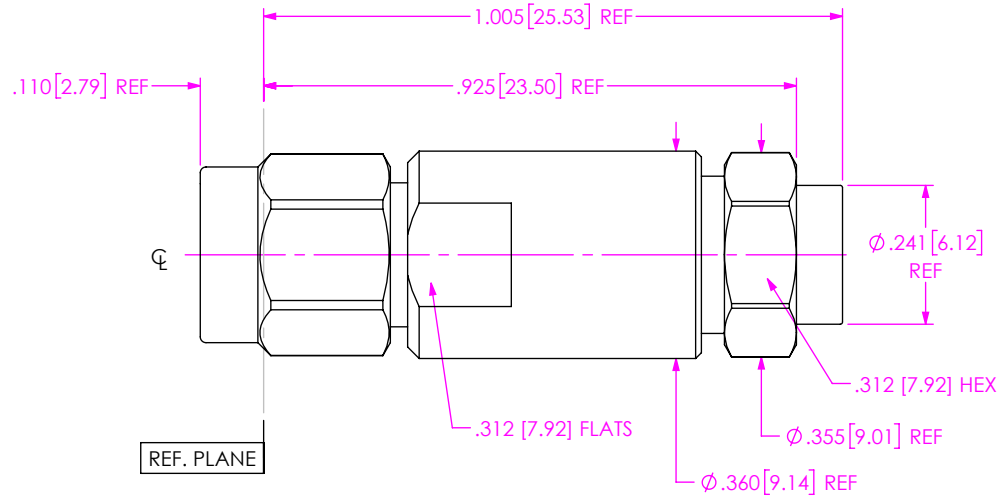
**TYPE**  
-C: CABLE

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

**TERMINATION**  
-S: SOLDER CLAMP

**ORIENTATION**  
-S: STRAIGHT


**CABLE TYPE**  
-210A: MICRO-COAX UFA210A

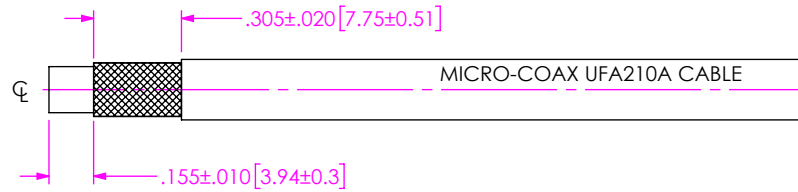


**EXPLODED VIEW**  
**NOT TO SCALE**  
**(FOR CLARITY ONLY)**

**NOTES:**

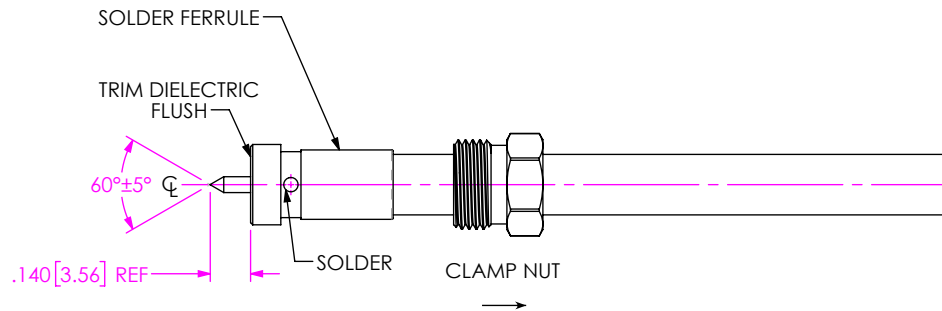
1. MATERIAL:  
 BODY, COUPLING NUT, BUSHING & CLAMP NUT: STAINLESS STEEL.  
 CONTACT & LOCK RING: BERYLLIUM COPPER.  
 SOLDER FERRULE: BRASS.  
 GASKET: SILICONE RUBBER  
 BEAD: PCTFE.
2. FINISH:  
 BODY, COUPLING NUT, BUSHING & CLAMP NUT: PASSIVATED.  
 SOLDER FERRULE, CONTACT: GOLD OVER NICKEL PLATE,  
 50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
3. PCI P/N: 3821.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01 [0.3] .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* <b>PROPRIETARY NOTE</b> * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733    FAX: 812-948-5047 e-Mail info@SAMTEC.com    code 55322
		DESCRIPTION: 3.5MM PLUG, SOLDER CLAMP FOR MICRO-COAX UFA210A CABLE
		DWG. NO. PRF35-P-C-EP-210A-SS BY: EVE L                      08/03/2021                      SHEET 1 OF 2



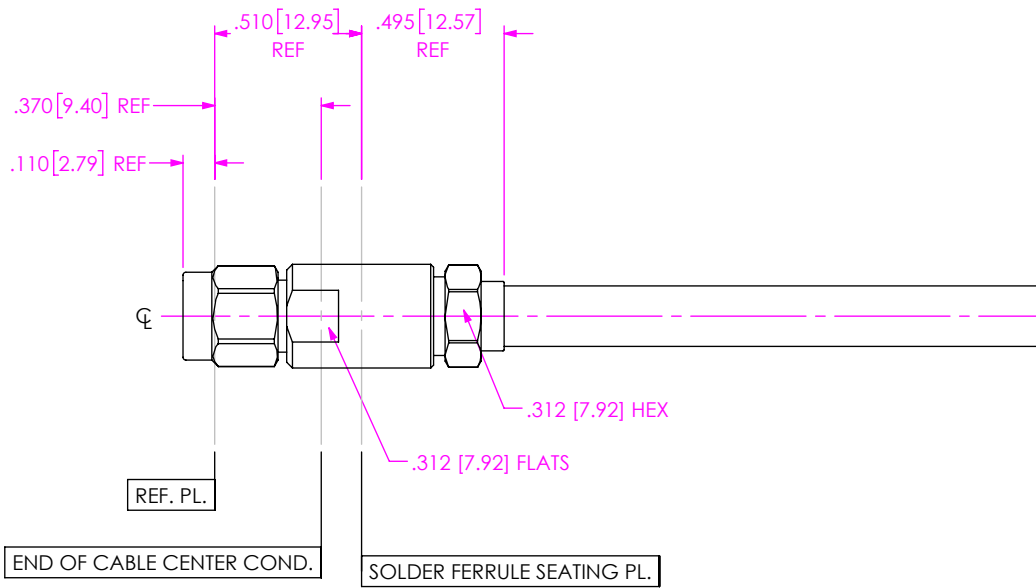
1A. TRIM CABLE TO EXPOSE OUTER BRAID AND DIELECTRIC AS SHOWN.

IN-PROCESS 1




- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL BRAIDS SEAT IN C'BORE. THEN SOLDER BRAIDS TO FERRULE WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE.
- 2D. POINT CABLE CENTER CONDUCTOR AS SHOWN.

IN-PROCESS 2



3A. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL CABLE CENTER CONDUCTOR PLUGS INTO CONTACT AND SOLDER FERRULE SEATS. TIGHTEN CLAMP NUT TO 25-35 IN-LBS.

IN-PROCESS 3

<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 1.5:1</p>	<p><b>PROPRIETARY NOTE</b></p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p>	
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<p>BY: EVE L</p>	<p>08/03/2021</p>	<p>SHEET 2 OF 2</p>