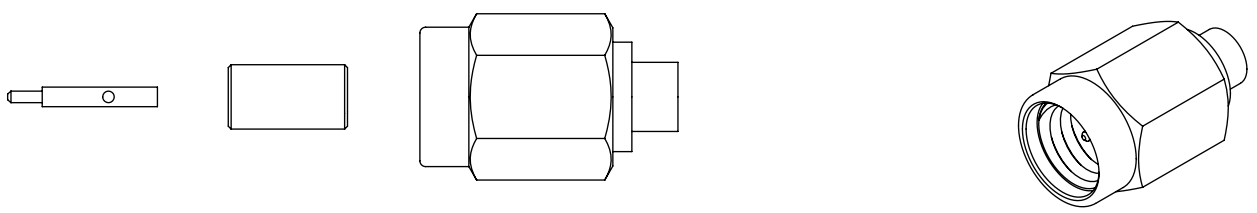
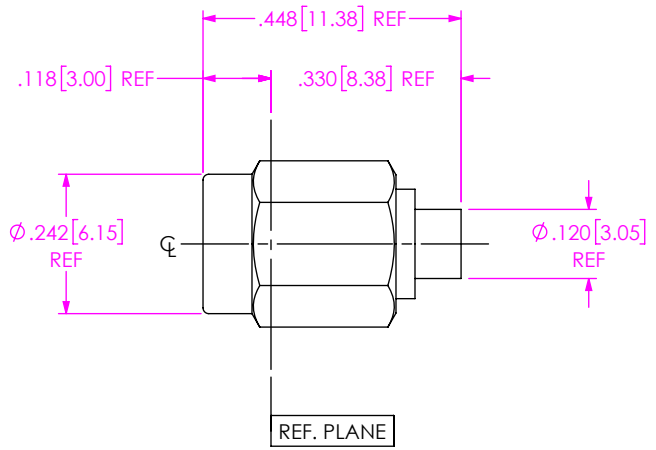


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]


**PRFS1-P-C-EE-405-SD**

- SERIES -S1: SSMA
- GENDER -P: PLUG
- TYPE -C: CABLE
- FINISH -EE: 50μ" EXTRA HEAVY GOLD CENTER CONTACT, 50μ" EXTRA HEAVY GOLD OUTER CONTACT
- TERMINATION -D: DIRECT SOLDER
- ORIENTATION -S: STRAIGHT
- CABLE TYPE -405: RG-405 SEMI-RIGID

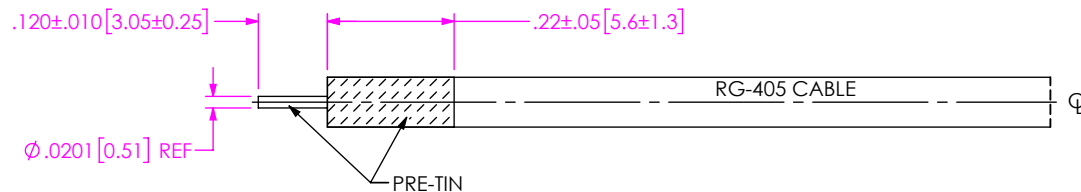


EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

- NOTES:
1. MATERIAL:  
COUPLING NUT: STAINLESS STEEL.  
PIN, BODY & LOCK RING: BERYLLIUM COPPER.  
GASKET: SILICONE RUBBER.  
INSULATOR: PTFE.
  2. FINISH:  
COUPLING NUT: PASSIVATED.  
BODY & PIN: GOLD OVER NICKEL PLATE,  
50 μIN MIN GOLD OVER 50 μIN MIN NICKEL.
  3. PCI P/N: 3207.

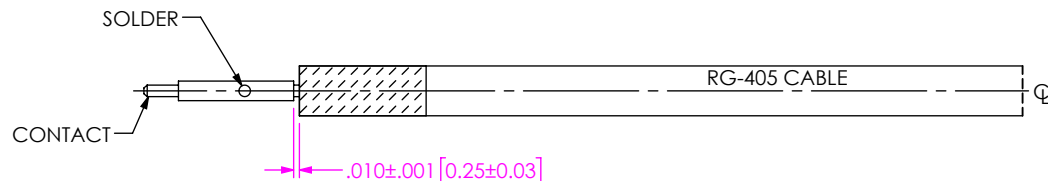
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01 [0.3] .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT 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	
		DO NOT SCALE DRAWING                      SHEET SCALE: 3:1	DESCRIPTION: SSMA PLUG, DIRECT SOLDER FOR RG-405 CABLE
		DWG. NO. <b>PRFS1-P-C-EE-405-SD</b>	BY: CANDY W    04/29/2019    SHEET 1 OF 2

- 1A. TRIM CABLE JACKET & DIELECTRIC TO EXPOSE CENTER CONDUCTOR FOR LENGTH INDICATED.
- 1B. PRE-TIN CABLE CENTER CONDUCTOR AND OUTER JACKET OVER LENGTHS INDICATED.



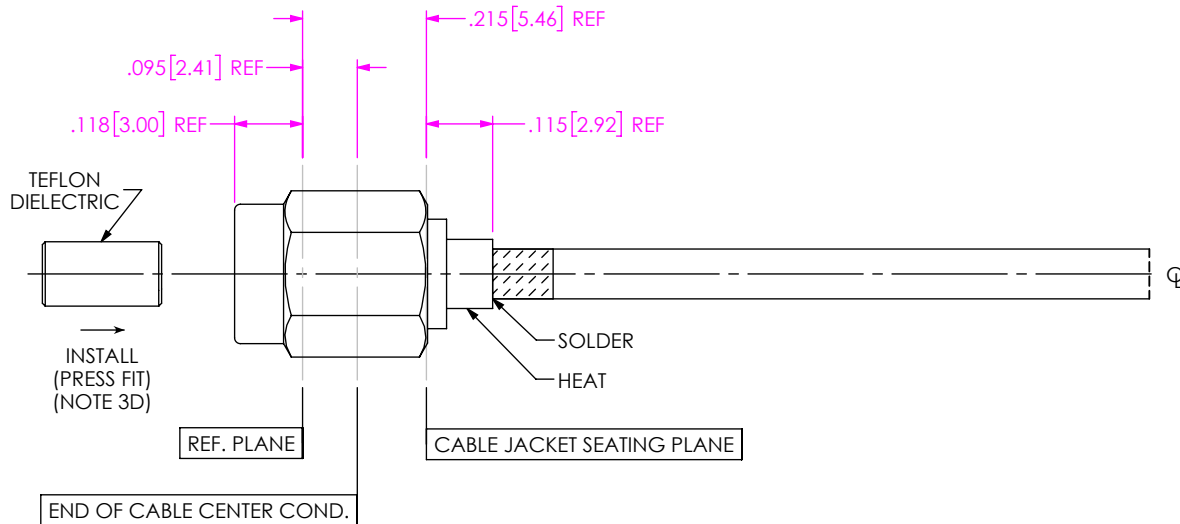
IN-PROCESS 1

- 2. SOLDER CONTACT TO CABLE CENTER CONDUCTOR WITH GAP SHOWN USING SPACER SHIM.



IN-PROCESS 2

- 3A. HOLD CONNECTOR BODY IN MA/COM FIXTURE BASE P/N 2098-5206-54.
- 3B. INSERT CABLE INTO CONNECTOR BODY AND POSITION FLUSH WITH CABLE JACKET SEATING PLANE USING MA/COM LOCATION TOOL P/N 2098-5232-02.
- 3C. APPLY HEAT TO REAR CONNECTOR BODY AND SOLDER CABLE TO BODY WHERE INDICATED.
- 3D. INSTALL TEFLON INSULATOR INTO BODY USING MA/COM INSERTION TOOL P/N 2098-5234-02.
- 3E. GAGE CONNECTOR INTERFACE:  
CONTACT = .001/.007 SUB-FLUSH  
INSULATOR = .000/.007 SUB-FLUSH



**PROPRIETARY NOTE**  
 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

DO NOT SCALE DRAWING  
 SHEET SCALE: 3:1

DESCRIPTION: SSMA PLUG, DIRECT SOLDER FOR RG-405 CABLE

DWG. NO. PRFS1-P-C-EE-405-SD

BY: CANDY W 04/29/2019 SHEET 2 OF 2

IN-PROCESS 3