

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF24-P-C-EP-047A-SS

SERIES  
-24: 2.4MM

GENDER  
-P: PLUG

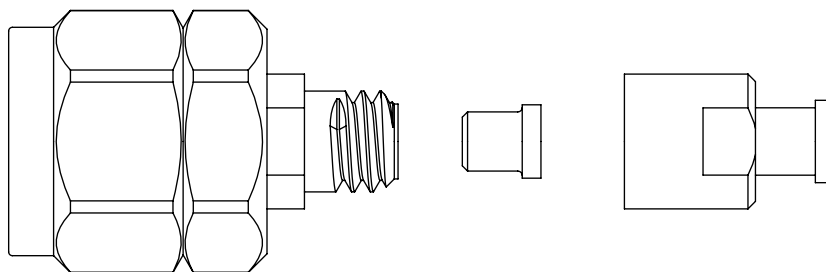
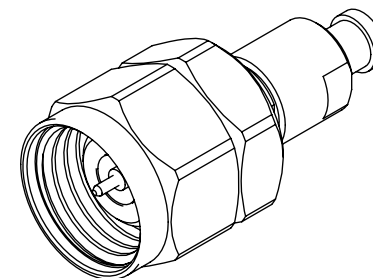
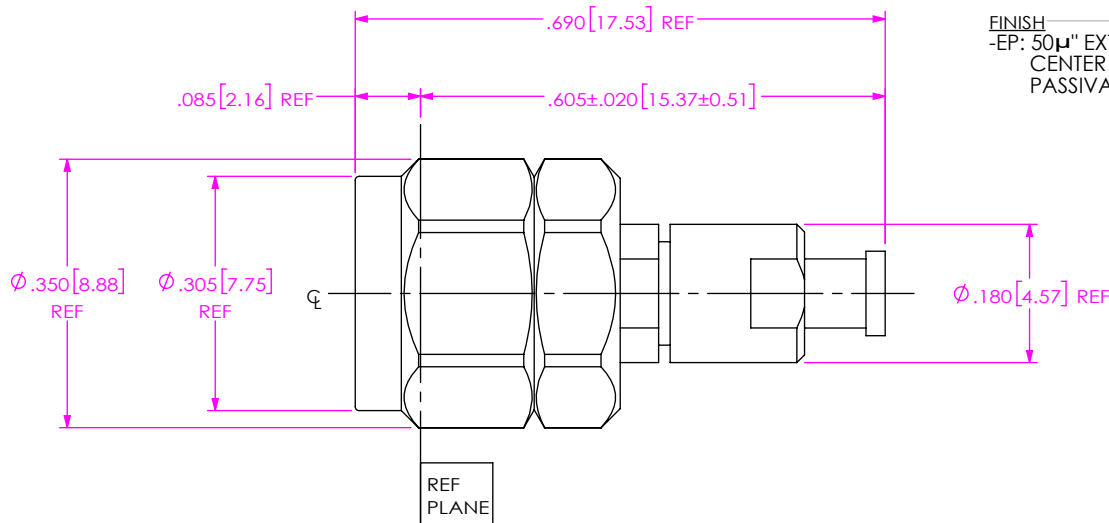
TYPE  
-C: CABLE

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-S: STRAIGHT

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


CABLE TYPE  
-047A: TEMP FLEX 1000671047



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

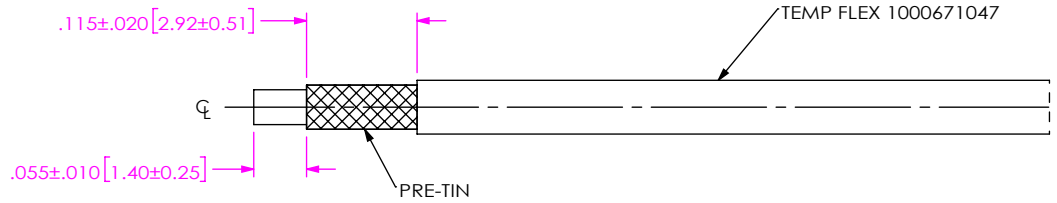
NOTES:

- MATERIAL:  
BODY, BUSHING, CLAMP NUT, COUPLING NUT: STAINLESS STEEL.  
GASKET: SILICONE RUBBER.  
BEAD: ULTEM.  
CONTACT, LOCK RING, SOLDER FERRULE: BERYLLIUM COPPER.
- FINISH:  
BODY, BUSHING, CLAMP NUT, COUPLING NUT: PASSIVATED.  
PIN, SOLDER FERRULE: GOLD OVER NICKEL PLATE,  
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01[0.3]                      1° .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: 4:1	DESCRIPTION: 2.4MM PLUG, SOLDER CLAMP ASSEMBLY
		DWG. NO. PRF24-P-C-EP-047A-SS	
		BY: ADAM H.    12/5/2019	SHEET 1 OF 2

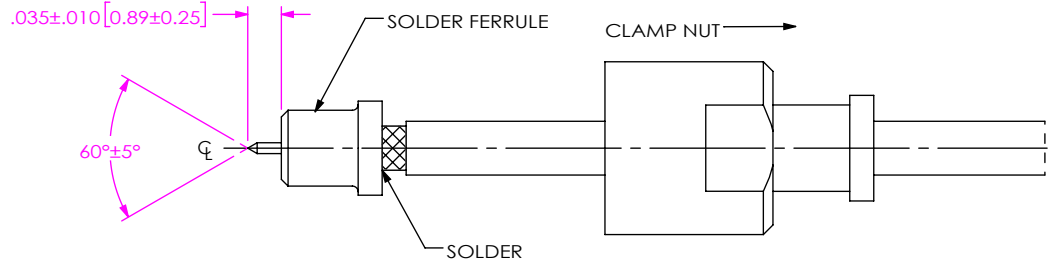
REVISION A

1A: TRIM CABLE TO EXPOSE OUTER BRAID AND DIELECTRIC AS SHOWN.  
 1B: PRE-TIN CABLE OUTER BRAID AS SHOWN.

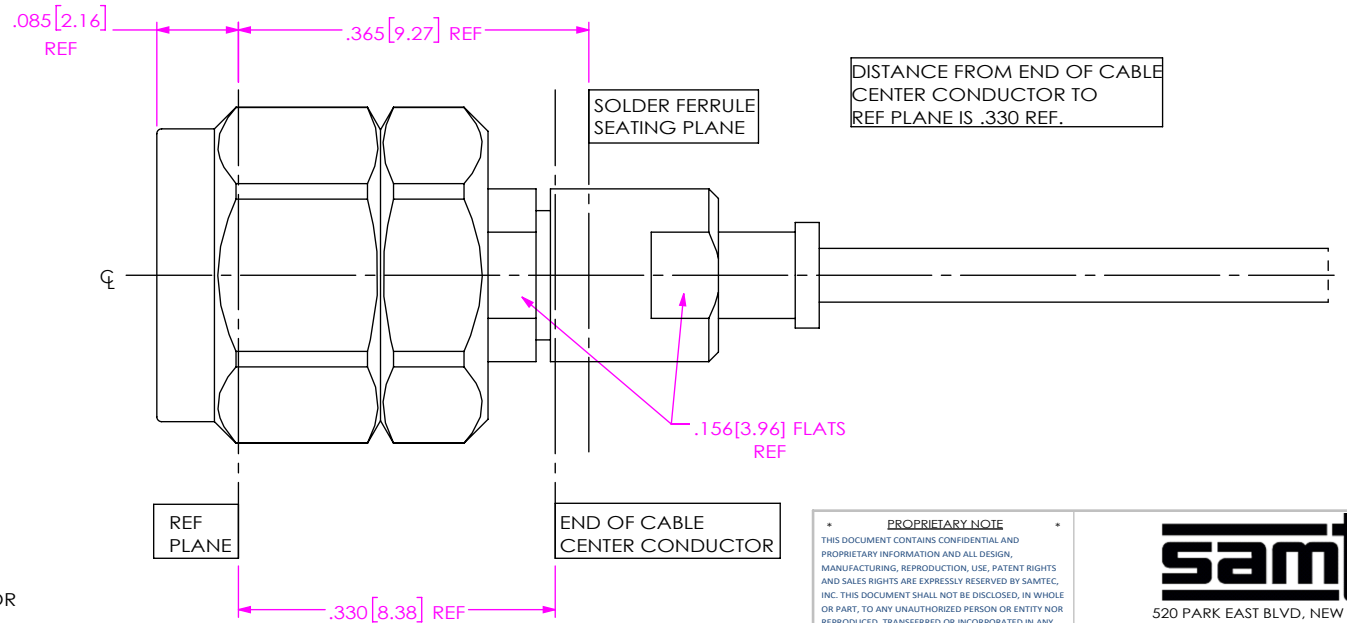


IN-PROCESS VIEW 1

2A: SLIDE CLAMP NUT ONTO CABLE AS SHOWN.  
 2B: INSERT CABLE INTO SOLDER FERRULE UNTIL BRAID IS FULLY SEATED IN FERRULE, THEN SOLDER BRAID TO FERRULE WHERE SHOWN.  
 2C: TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE AND POINT CENTER CONDUCTOR AS SHOWN.  
 (DO NOT SCORE CENTER CONDUCTOR)



IN-PROCESS VIEW 2



3A: INSERT CABLE SUB-ASSEMBLY INTO CONNECTOR BODY UNTIL SOLDER FERRULE IS SEATED AND CABLE CENTER CONDUCTOR PLUGS IN, THEN TIGHTEN CLAMP NUT TO 8-10 IN.-LBS.

IN-PROCESS VIEW 3

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SHEET SCALE: 5:1