

DO NOT SCALE FROM THIS PRINT

PRF24-P-C-EP-150B-SS

**SERIES**  
-24: 2.4mm

**GENDER**  
-P: PLUG

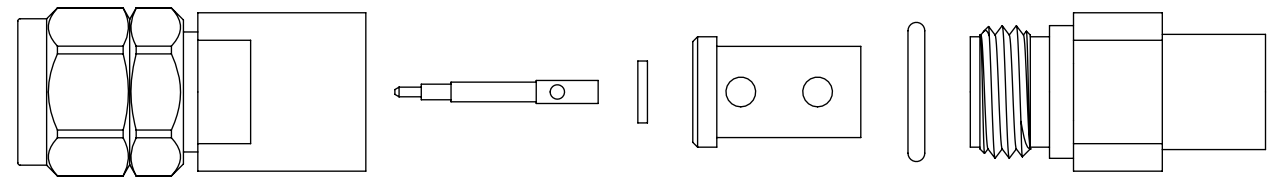
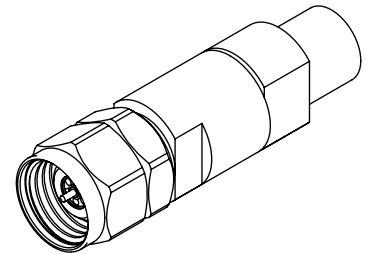
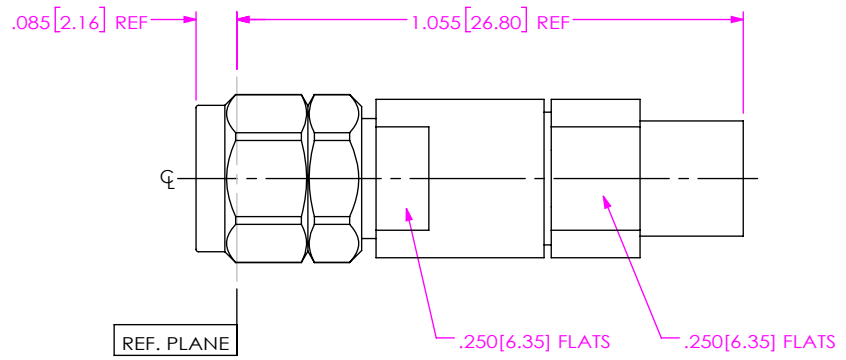
**TYPE**  
-C: CABLE

**TERMINATION**  
-S: SOLDER CLAMP

**ORIENTATION**  
-S: STRAIGHT


**CABLE TYPE**  
-150B: IW1501

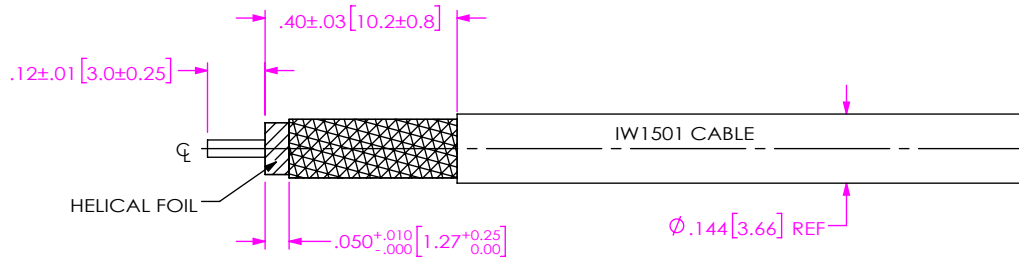
**FINISH**  
-EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

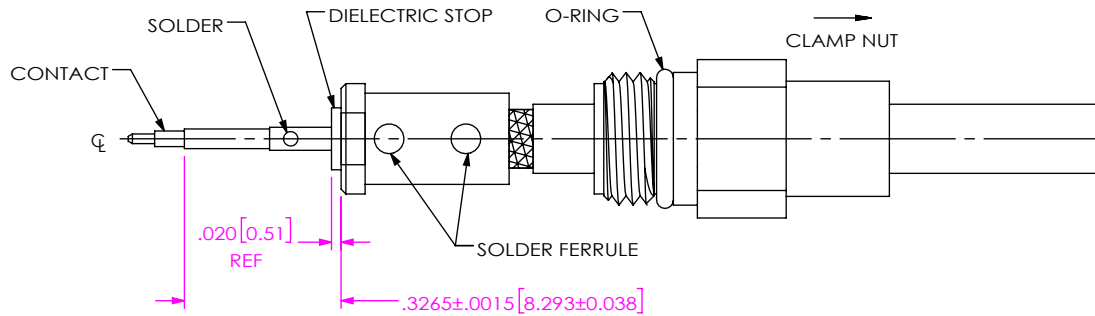
- NOTES:
- MATERIAL:  
BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.  
PIN & LOCK RING: BERYLLIUM COPPER.  
SOLDER FERRULE: BRASS.  
GASKET & O-RING: SILICONE RUBBER.  
BEAD: ULTEM 1000.
  - FINISH:  
BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.  
PIN & SOLDER FERRULE: GOLD OVER NICKEL PLATE,  
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
  - PCI P/N: 3240.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01 [0.3]                      1° .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	
		DO NOT SCALE DRAWING                      SHEET SCALE: 2.5:1	DESCRIPTION: 2.4MM PLUG, SOLDER CLAMP FOR IW1501 CABLE
		DWG. NO. PRF24-P-C-EP-150B-SS	BY: HENSON T    08/08/2020    SHEET 1 OF 2



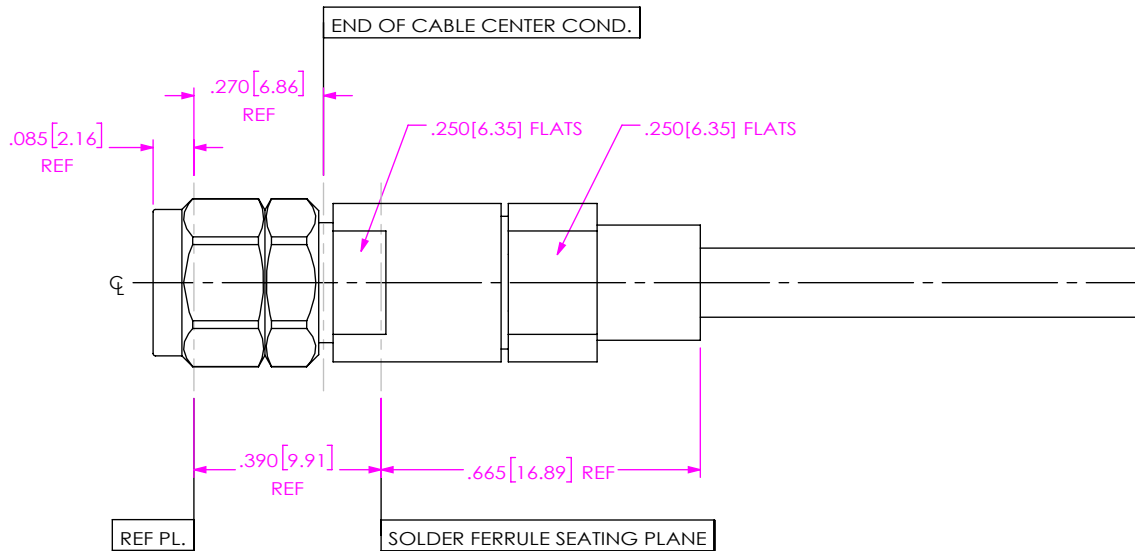
1. TRIM CABLE AS SHOWN.

IN-PROCESS 1




- 2A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL DIELECTRIC & FOIL ARE FLUSH WITH SOLDER FERRULE FACE AND SOLDER CABLE BRAIDS WHERE SHOWN.
- 2C. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.

IN-PROCESS 2



3. 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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