

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF24-J-C-EP-150B-SS

SERIES
-24: 2.4MM

GENDER
-J: JACK

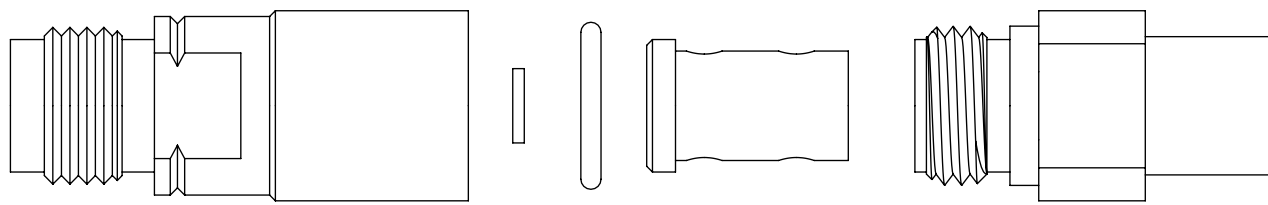
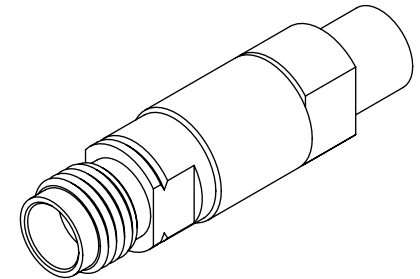
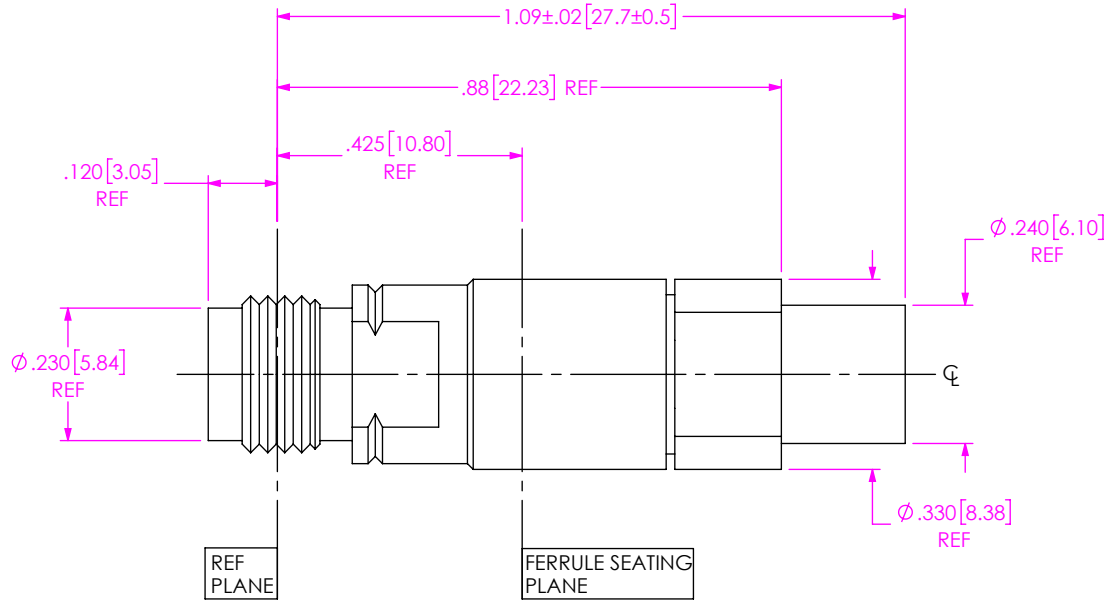
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-150B: INSULATED WIRE 1501

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




EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

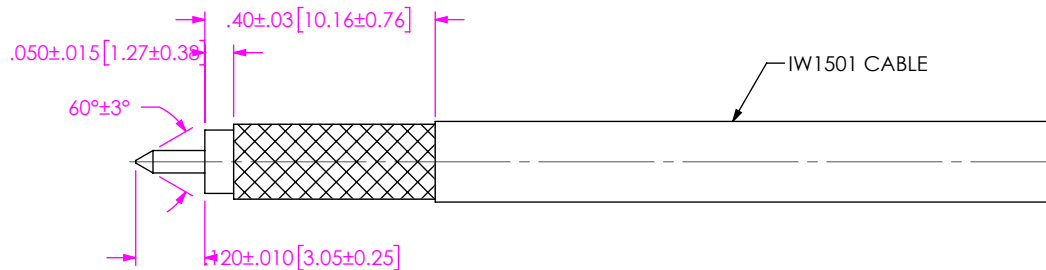
NOTES:

- MATERIAL:
BODY, BUSHING, CLAMP NUT: STAINLESS STEEL.
O-RING: SILICONE RUBBER.
BEAD, INSULATOR: ULTEM.
SOLDER FERRULE: BRASS ALLOY
CONTACT: BERYLLIUM COPPER.
- FINISH:
BODY, BUSHING, CLAMP NUT: PASSIVATED.
CONTACT, SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3275.

F:\DWG\MISC\Mktg\PRF24-J-C-EP-150B-SS-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS .XX: ±.01 .XXX: ±.005 .XXXX: ±.0005 ANGLES 1°	* 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
		DESCRIPTION: 2.4MM PLUG ASSEMBLY
		DWG. NO. PRF24-J-C-EP-150B-SS
DO NOT SCALE DRAWING SHEET SCALE: 3:1		BY: CANDY W 05/16/2019 SHEET 1 OF 2

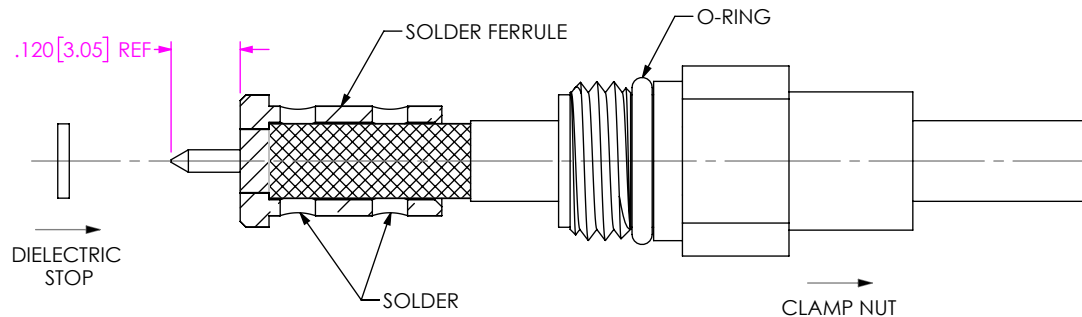
REVISION A



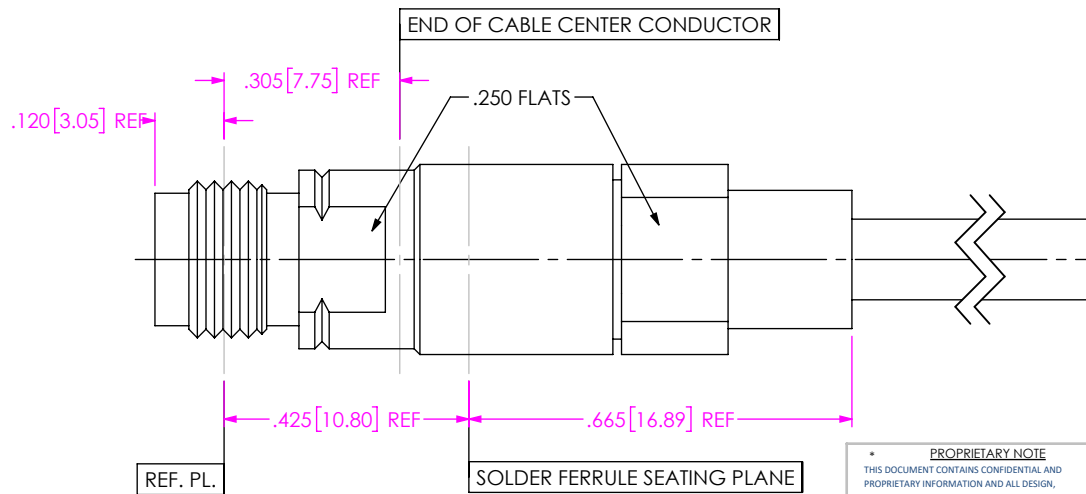
1A. TRIM CABLE AND POINT CENTER CONDUCTOR AS SHOWN.

IN-PROCESS VIEW 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 BRAIDS WHERE SHOWN.
- 2C. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR FLUSH WITH SOLDER FERRULE FACE.



IN-PROCESS VIEW 2



- 3A. INSERT CABLE/FERRULE SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.
- 3B. GAGE INTERFACE USING APPROPRIATE GAGE (CONTACT RANGE 000/.003 SUB-FLUSH).

DISTANCE FROM END OF CABLE CENTER COND. TO REF. PL. IS .305 (REF.)

IN-PROCESS VIEW 3

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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: 2.4MM PLUG ASSEMBLY

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