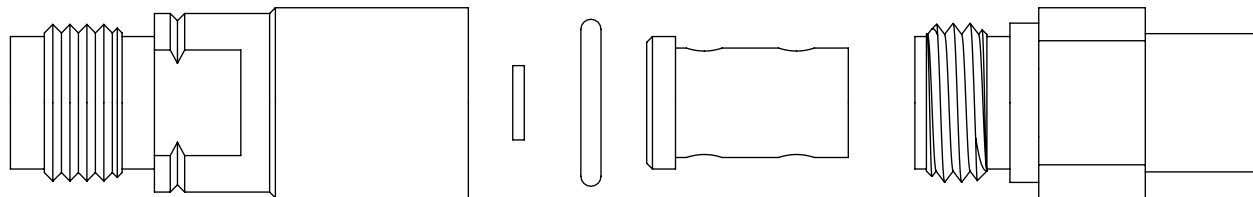
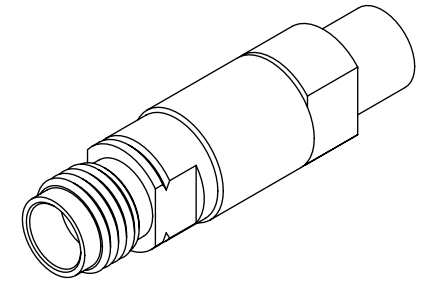
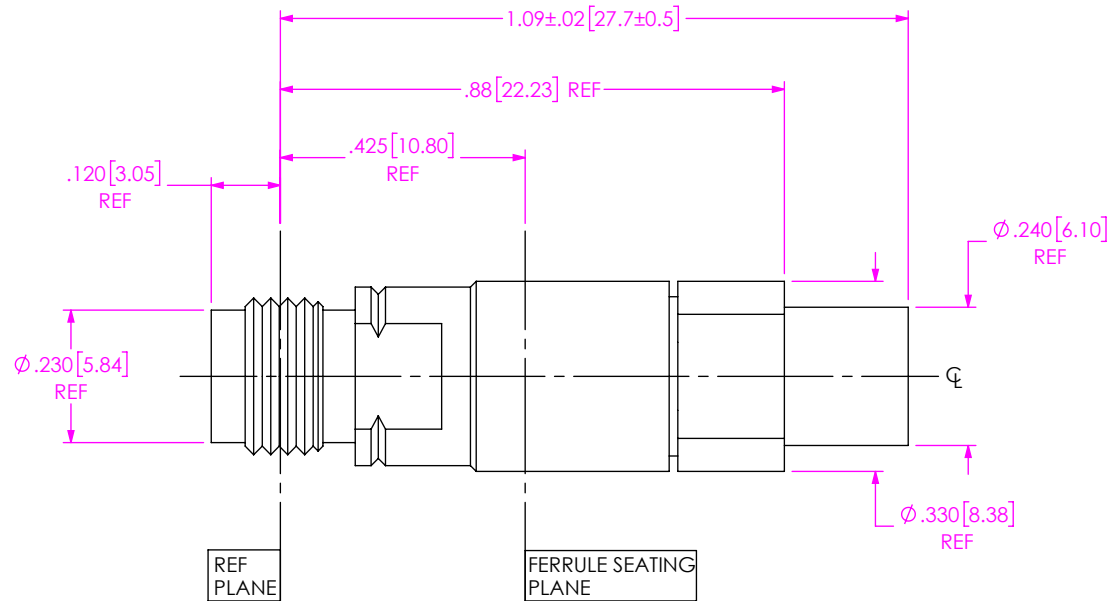


DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

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

SERIES
-24: 2.4MMGENDER
-J: JACKTYPE
-C: CABLETERMINATION
-S: SOLDER CLAMPORIENTATION
-S: STRAIGHTCABLE TYPE
-150B: INSULATED WIRE 1501PLATING
-EP: 50μ" EXTRA HEAVY GOLD
CENTER CONTACT, PASSIVATED
OUTER CONTACTEXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

1. MATERIAL:

BODY, BUSHING, CLAMP NUT: STAINLESS STEEL.
O-RING: SILICONE RUBBER.
BEAD, INSULATOR: ULTEM.
SOLDER FERRULE: BRASS ALLOY
CONTACT: BERYLLIUM COPPER.

2. FINISH:

BODY, BUSHING, CLAMP NUT: PASSIVATED.
CONTACT, SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 μIN MIN GOLD OVER 50 μIN MIN NICKEL.

3. PCI P/N: 3275.

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01
.XXX: ±.005
.XXXX: ±.0005

* 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:

2.4MM PLUG ASSEMBLY

DWG. NO.

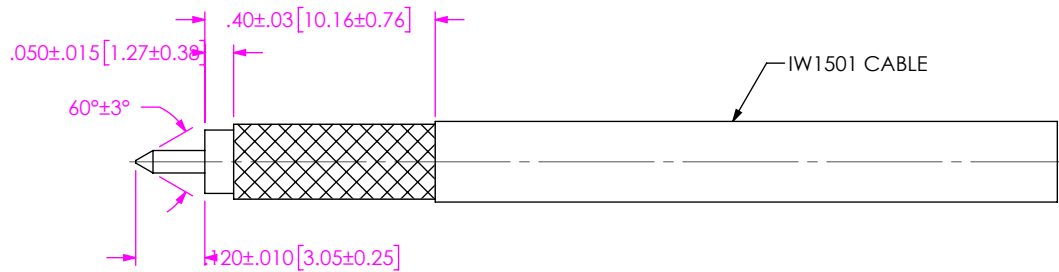
PRF24-J-C-EP-150B-SS

BY: CANDY W 05/16/2019

SHEET 1 OF 2

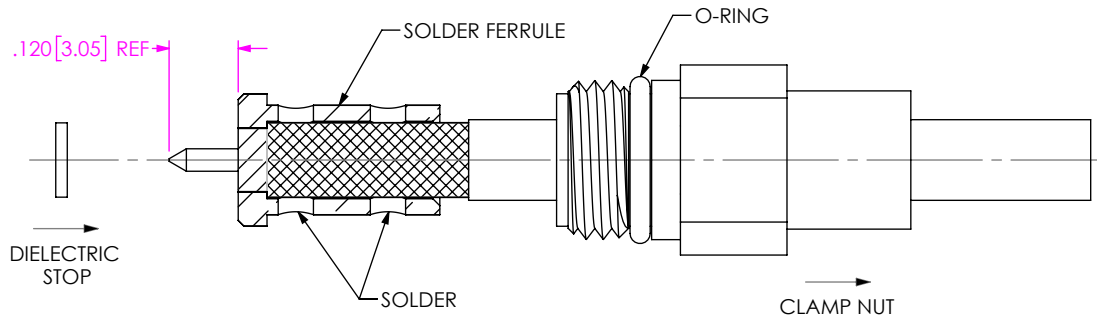
1A. TRIM CABLE AND POINT CENTER CONDUCTOR AS SHOWN.

IN-PROCESS VIEW 1



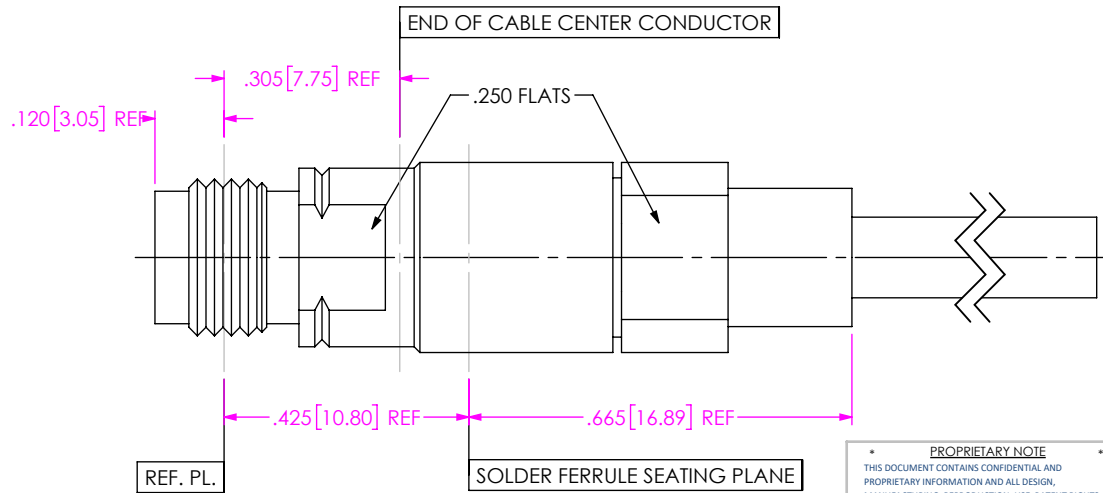
- 2A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL DIELECTRIC & FOIL ARE FLUSH WITH SOLDER FERRULE FACE AND SOLDER BRAIDS WHERE SHOWN.
- 2C. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR FLUSH WITH SOLDER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

IN-PROCESS VIEW 3



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

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.

DO NOT SCALE DRAWING
SHEET SCALE: 3:1

samtec

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
BY: CANDY W 05/16/2019 SHEET 2 OF 2