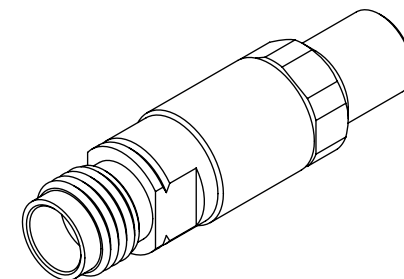
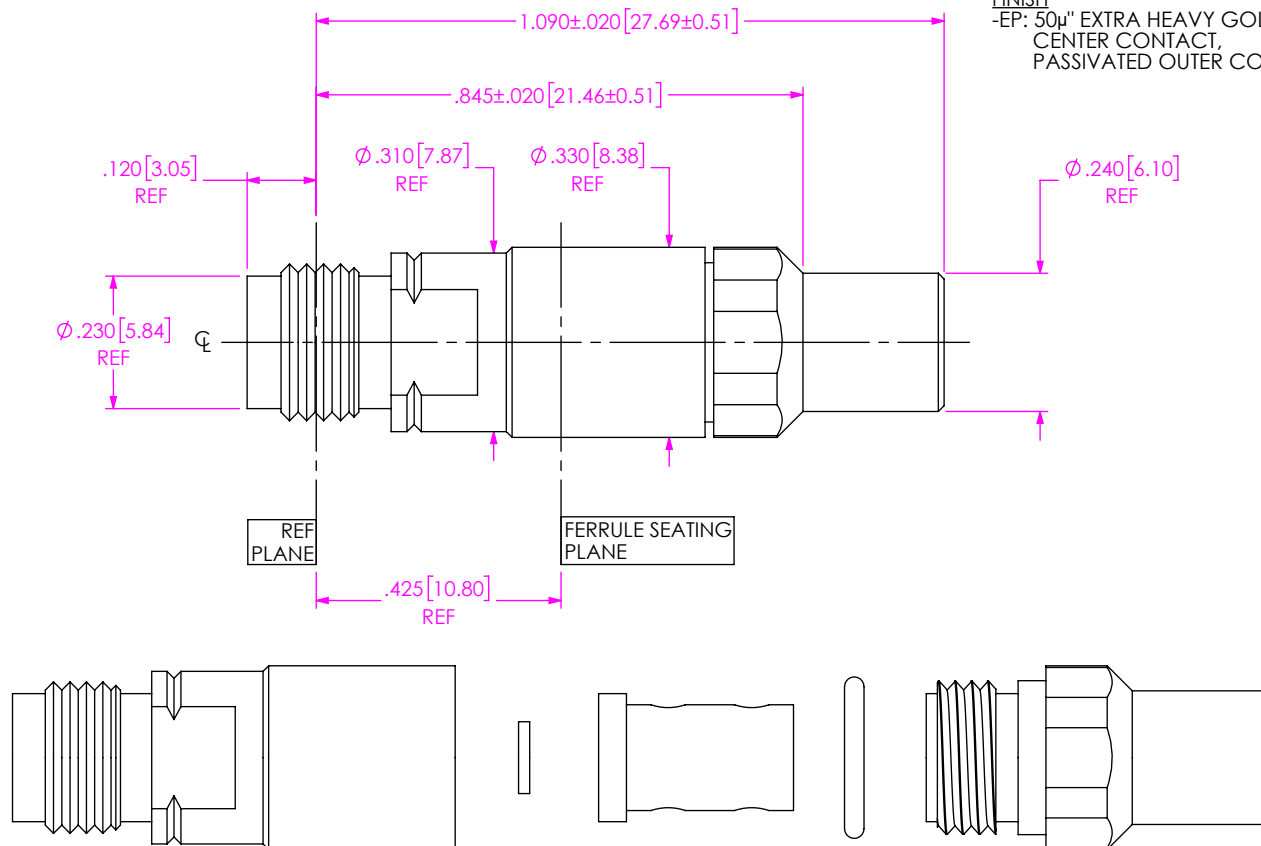


DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF24-J-C-EP-160-SS

SERIES
-24: 2.4 MMGENDER
-J: JACKTYPE
-C: CABLETERMINATION
-S: SOLDER CLAMPORIENTATION
-S: STRAIGHTFINISH
-EP: 50μ" EXTRA HEAVY GOLD
CENTER CONTACT,
PASSIVATED OUTER CONTACTCABLE TYPE
-160: SEMFLEX HP160 CABLE

NOTES:

1. MATERIAL:
BODY, BUSHING, CLAMP NUT: STAINLESS STEEL.
O-RING: SILICONE RUBBER.
BEAD: 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. PERFORMANCE:
IMPEDANCE: 50 Ω
FREQUENCY: DC TO 50 GHz
VSWR: 1.18: 1 MAXIMUM
INSERTION LOSS: 0.03 x √f(GHz)
DWV: 750 Vrms
4. PCI P/N: 3311.

EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS
.XX: ±.01
.XXX: ±.005
.XXXX: ±.0005ANGLES
1°

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DO NOT SCALE DRAWING

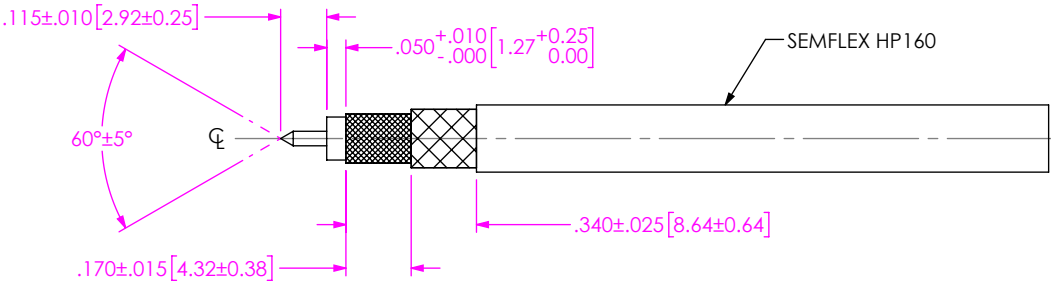
SHEET SCALE: 3:1

DESCRIPTION: 2.4 MM JACK SOLDER CLAMP
FOR SEMFLEX HP160 CABLE

DWG. NO. PRF24-J-C-EP-160-SS

BY: CHRISTIAN S. 05/03/2019 SHEET 1 OF 2

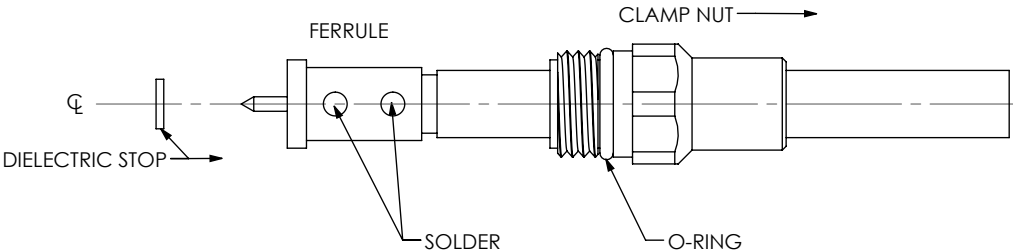
CABLE APPLICATION VIEWS



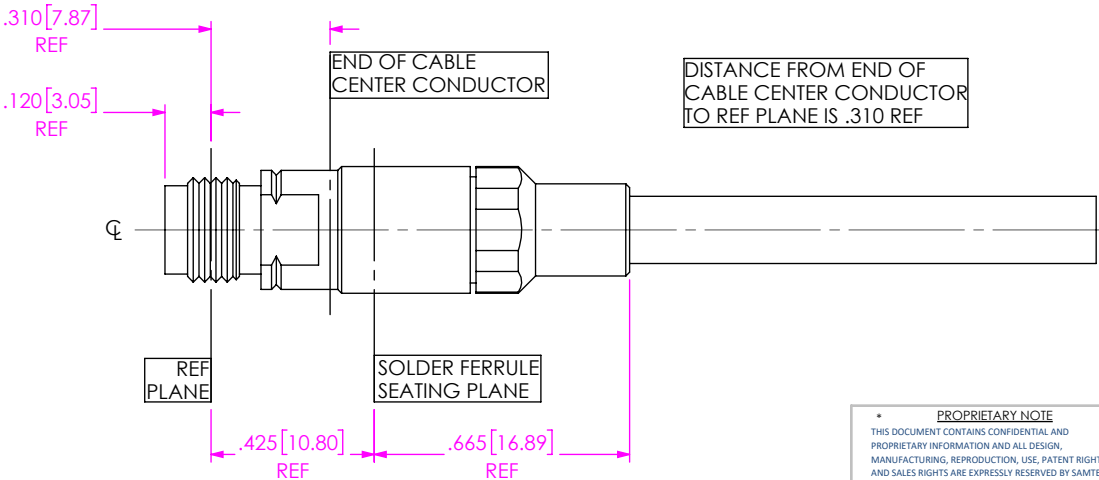
1A. TRIM CABLE AND POINT CENTER CONDUCTOR AS SHOWN.

IN-PROCESS VIEW 1

- 2A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL CABLE DIELECTRIC IS FLUSH WITH SOLDER FERRULE FACE AND SOLDER CABLE 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

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SHEET SCALE: 2:1



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DESCRIPTION: 2.4 MM JACK SOLDER CLAMP FOR SEMPFLEX HP160 CABLE

DWG. NO. PRF24-J-C-EP-160-SS

BY: CHRISTIAN S. 05/03/2019 SHEET 2 OF 2