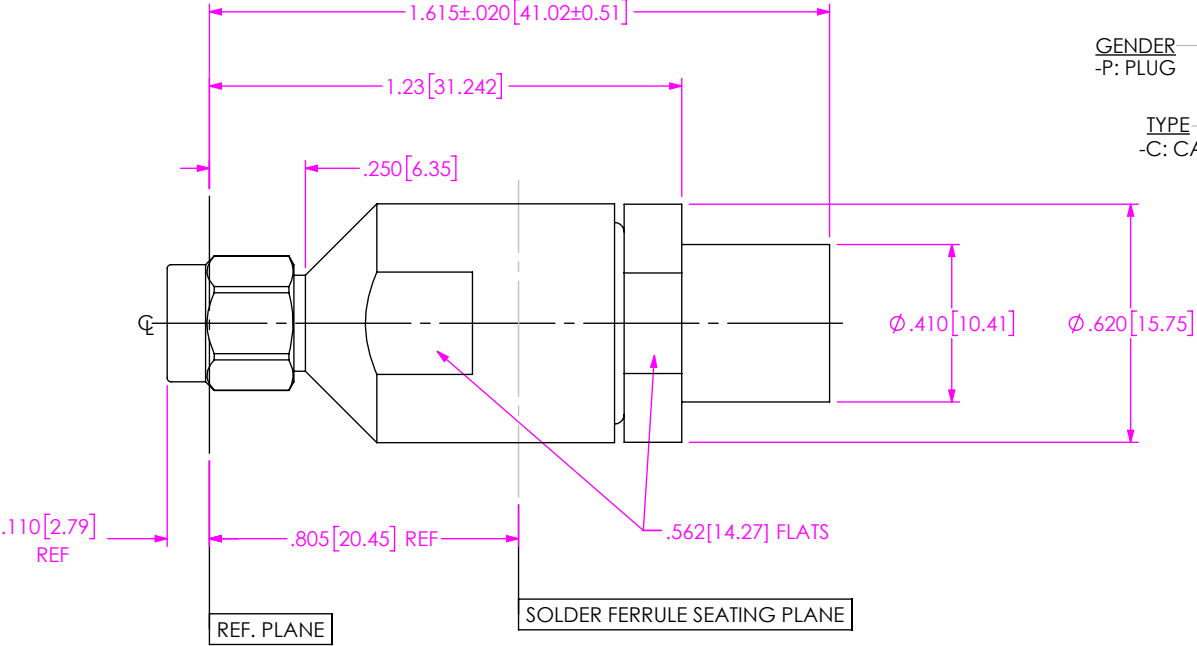


DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]



PRF01-P-C-EP-300A-SS-01

SERIES
-01: SMA

GENDER
-P: PLUG

TYPE
-C: CABLE

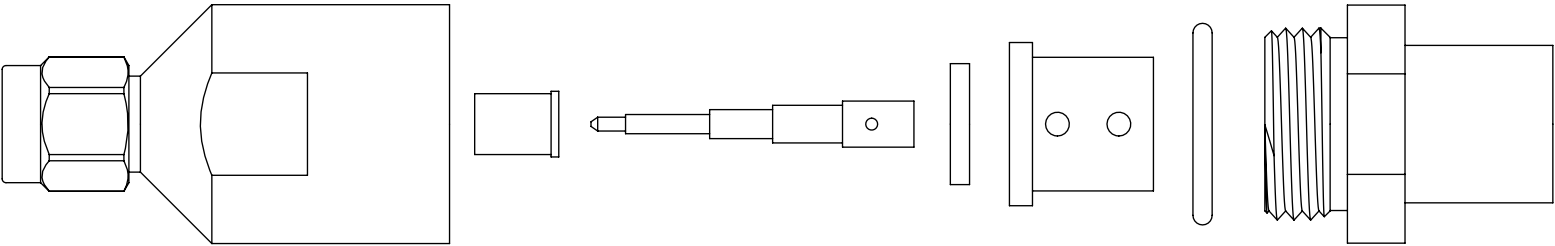
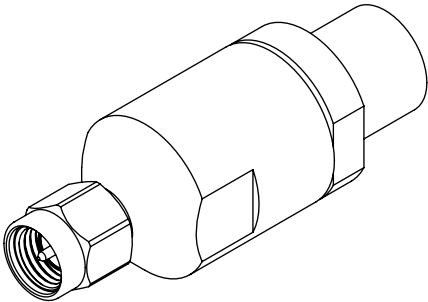
OPTION
-01

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-300A: CABLE (MAXGAIN 300)

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.
INSULATOR: TEFLON.
BEAD: ULTEM 1000.
 - FINISH:
BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.
PIN & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µ" IN MIN GOLD OVER 50 µ" IN MIN NICKEL.
 - PCI P/N: 3954.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ± .01 [0.3] 1°
.XXX: ± .005 [0.13]
.XXXX: ± .0005 [0.013]

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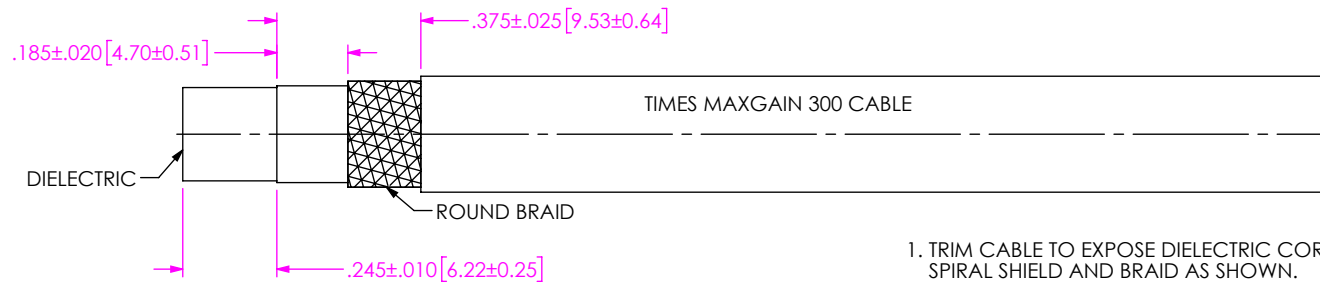
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR
TIMES MAXGAIN 300 CABLE

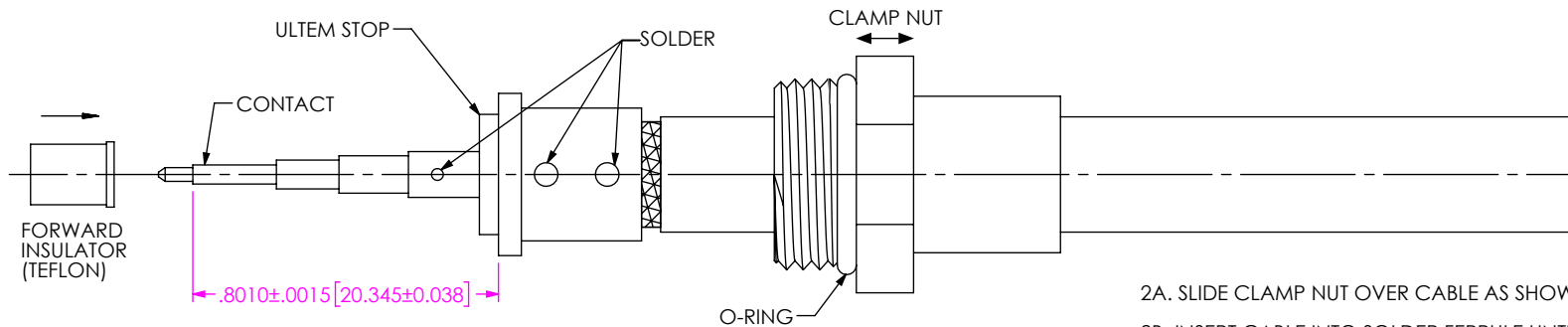
DWG. NO. PRF01-P-C-EP-300A-SS-01

BY: SHERRY W 7/27/2020 SHEET 1 OF 2



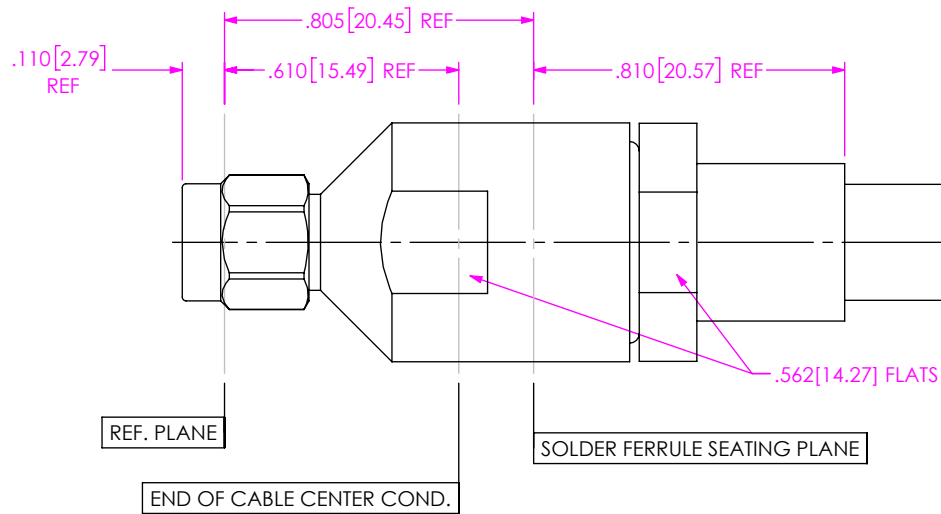
IN-PROCESS VIEW 1

1. TRIM CABLE TO EXPOSE DIELECTRIC CORE, SPIRAL SHIELD AND BRAID AS SHOWN.



IN-PROCESS VIEW 2

- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER SHIELD SEATS IN FERRULE. THEN SOLDER BOTH CABLE BRAIDS WHERE SHOWN.
 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE
 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.
 2E. SLIDE FORWARD INSULATOR ONTO CONTACT IN ORIENTATION SHOWN



IN-PROCESS VIEW 3

3. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.

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SHEET SCALE: 2:1

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DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR TIMES MAXGAIN 300 CABLE

DWG. NO. PRF01-P-C-EP-300A-SS-01

BY: SHERRY W 7/27/2020 SHEET 2 OF 2