

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF06-P-C-EP-290-SS

SERIES
-01: SMA

GENDER
-P: PLUG

TYPE
-C: CABLE

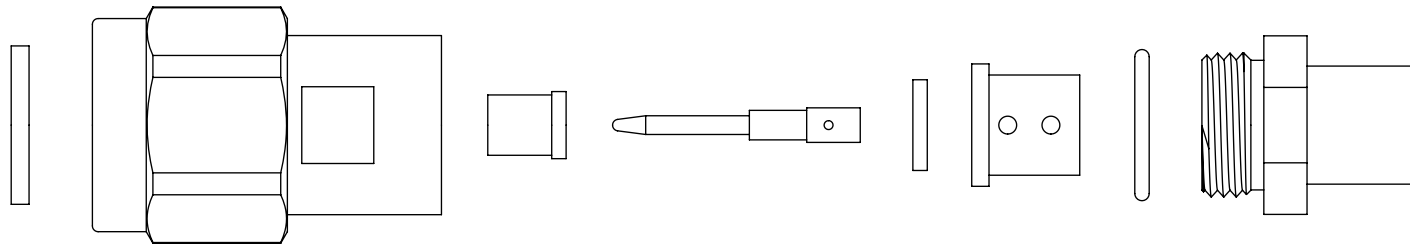
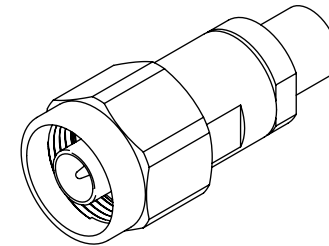
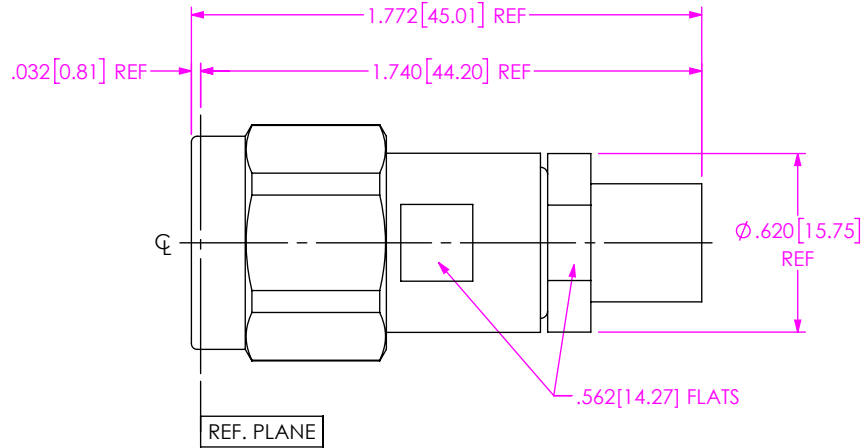
TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-290: SEMFLEX LA290

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

DO NOT
SCALE FROM
THIS PRINT



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 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3182.

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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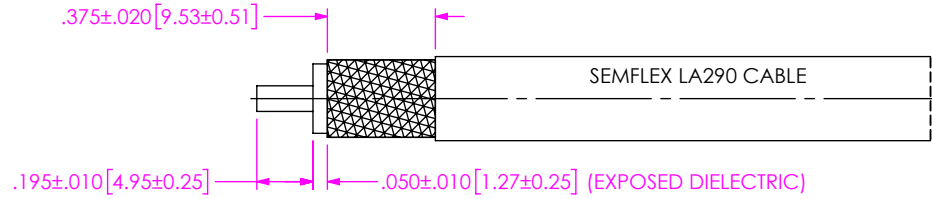
SHEET SCALE: 3:2

DESCRIPTION: NTPC (18 GHZ), SOLDER CLAMP FOR SEMFLEX LA290 CABLE

DWG. NO. PRF06-P-C-EP-290-SS

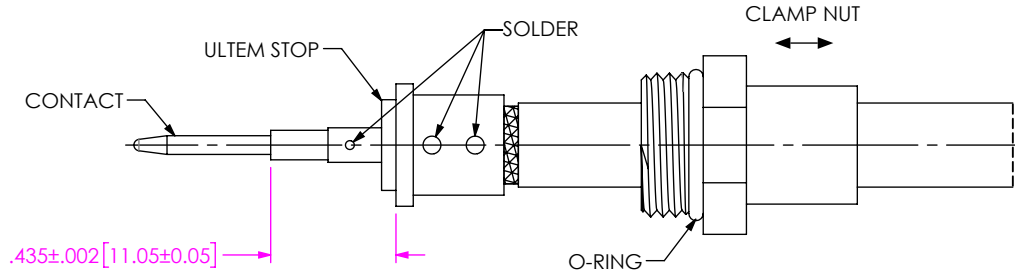
BY: CHRISTIAN S. 05/07/2019 SHEET 1 OF 2

1. TRIM CABLE AS SHOWN.



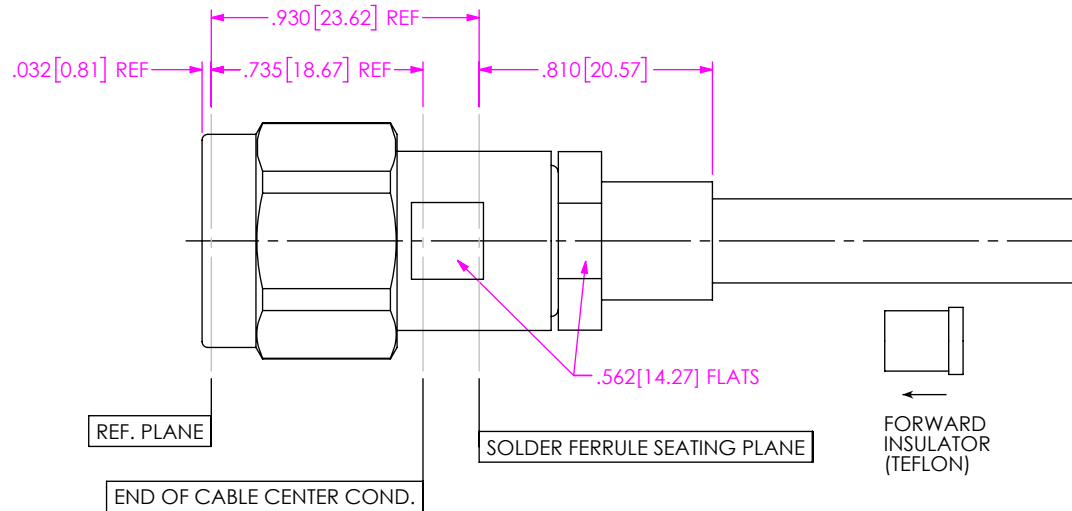
IN-PROCESS 1

- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL CABLE DIELECTRIC IS FLUSH WITH FACE OF FERRULE. THEN SOLDER BOTH CABLE BRAIDS WHERE SHOWN.
- 2C. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.



IN-PROCESS 2

- 3A. INSERT FORWARD INSULATOR INTO CONNECTOR IN ORIENTATION SHOWN.
- 3B. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.



IN-PROCESS 3

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