

DESIGNED & DIMENSIONED  
IN INCHES[MILLIMETERS]

PRF06-P-C-EP-290-SS

SERIES  
-01: SMA

GENDER  
-P: PLUG

TYPE  
-C: CABLE

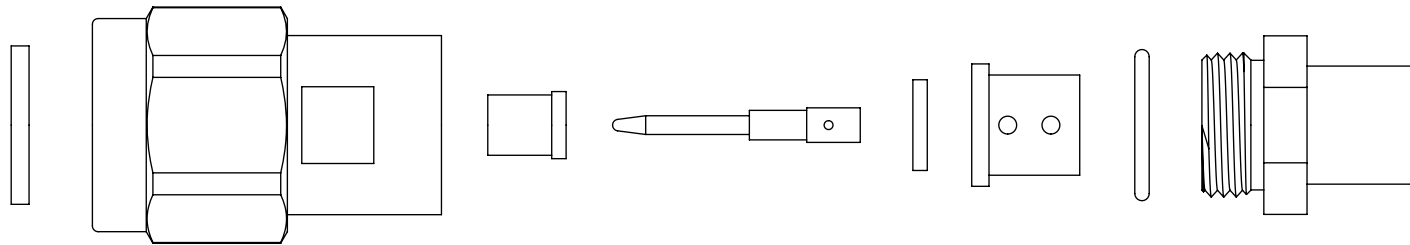
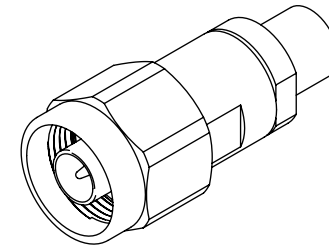
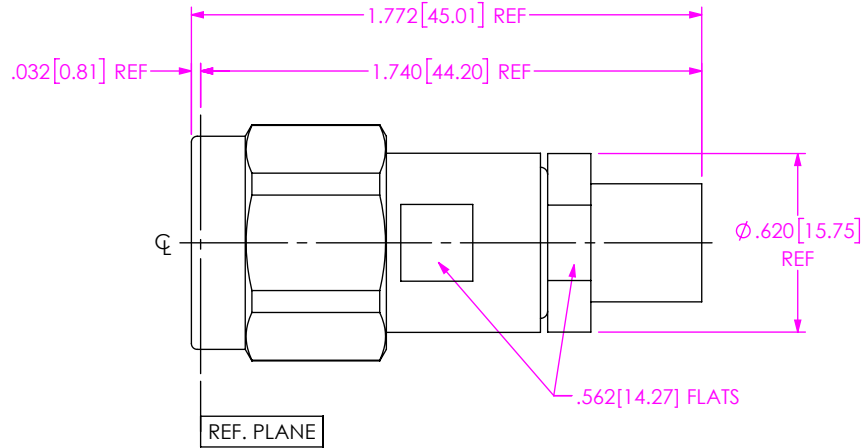
TERMINATION  
-S: SOLDER CLAMP

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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DO NOT SCALE DRAWING

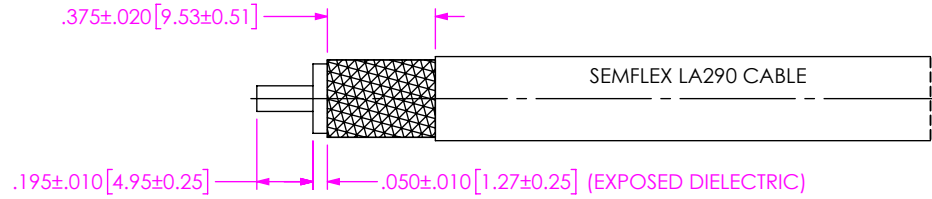
SHEET SCALE: 3:2

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

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

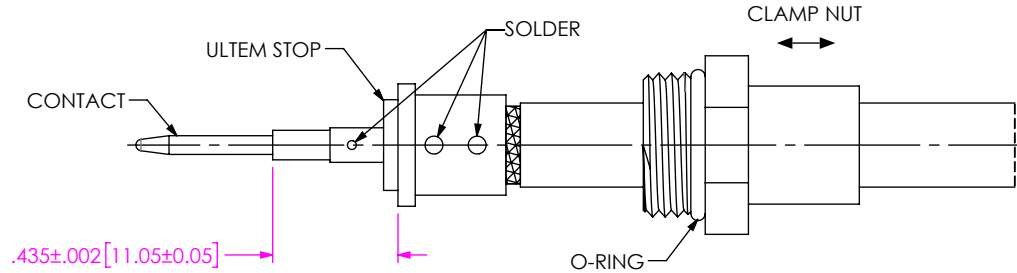
BY: CHRISTIAN S. 05/07/2019 SHEET 1 OF 2

1. TRIM CABLE AS SHOWN.



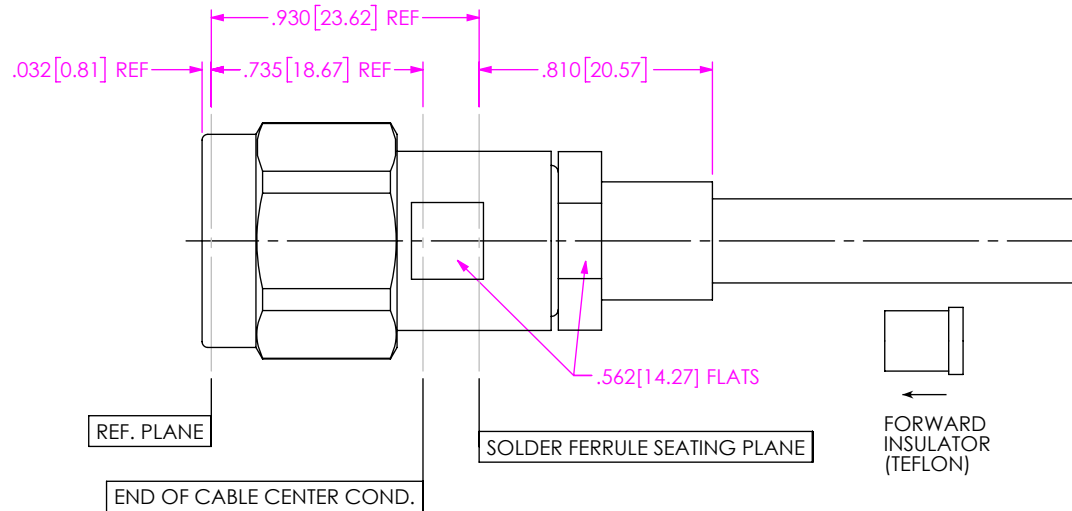
IN-PROCESS 1

- 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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