

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF01-P-C-EP-290A-SS

SERIES  
-01: SMA

GENDER  
-P: PLUG

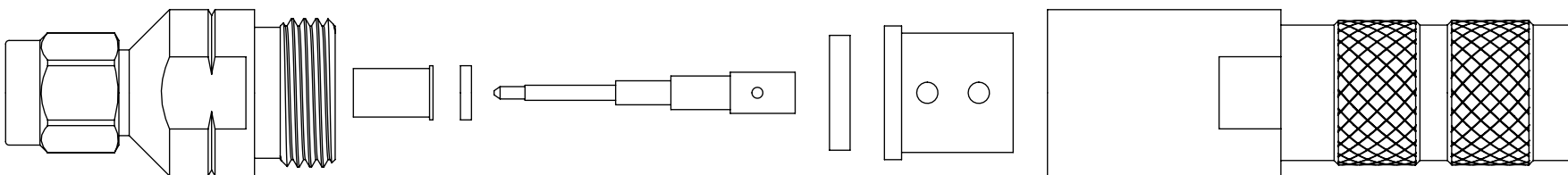
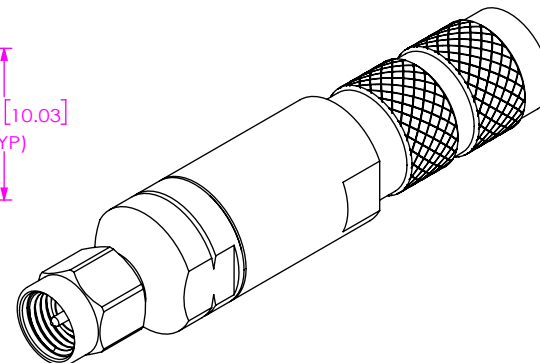
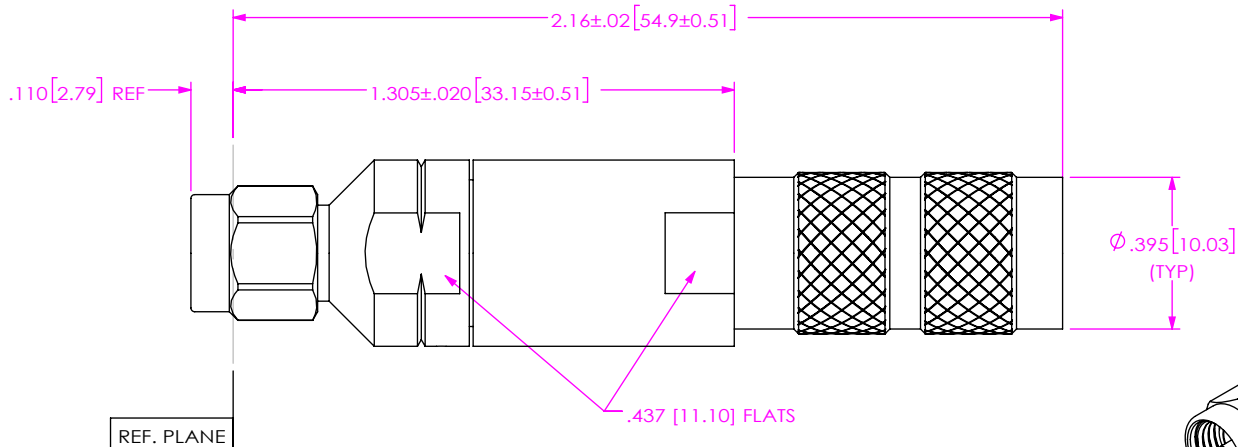
TYPE  
-C: CABLE

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

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-S: STRAIGHT

CABLE TYPE  
-290A: TIMES HF-290



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

- NOTES:
- MATERIAL:  
BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.  
CONTACT & LOCK RING: BERYLLIUM COPPER.  
SOLDER FERRULE: BRASS.  
INSULATOR: PTFE.  
DIELECTRIC STOP, FORWARD BEAD: ULTEM 1000.
  - FINISH:  
BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.  
SOLDER FERRULE & CONTACT: GOLD OVER NICKEL PLATE,  
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.

3. PCI P/N: 4160.

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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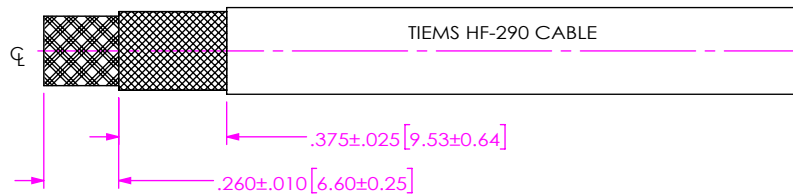
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR TIMES HF-290 CABLE, LOW PROFILE

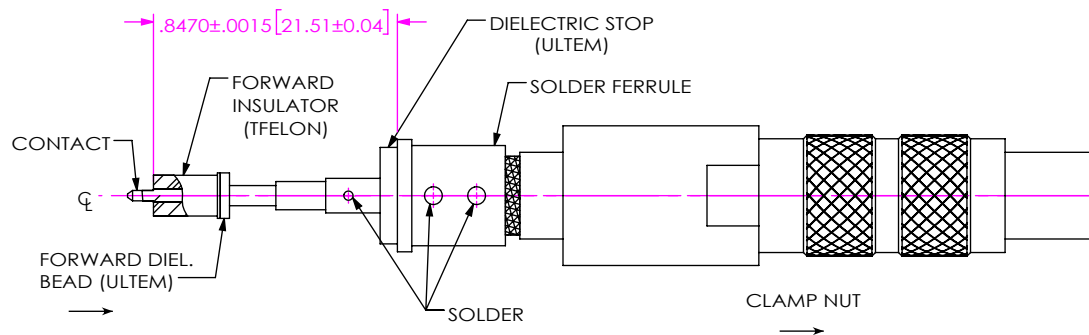
DWG. NO. PRF01-P-C-EP-290A-SS

BY: EVE L                      03/01/2021                      SHEET 1 OF 2



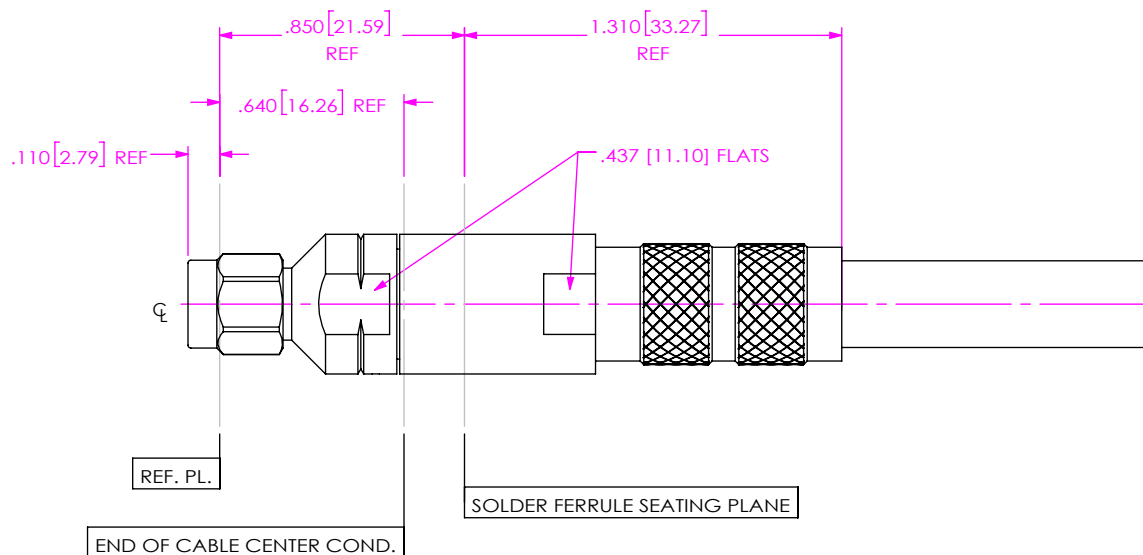
1. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.

IN-PROCESS 1



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

IN-PROCESS 2



3. 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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SHEET SCALE: 3:2

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR TIMES HF-290 CABLE, LOW PROFILE

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BY: EVE L 03/01/2021 SHEET 2 OF 2