

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF04-P-C-EP-335A-RS

SERIES
-04: TNCA

GENDER
-P: PLUG

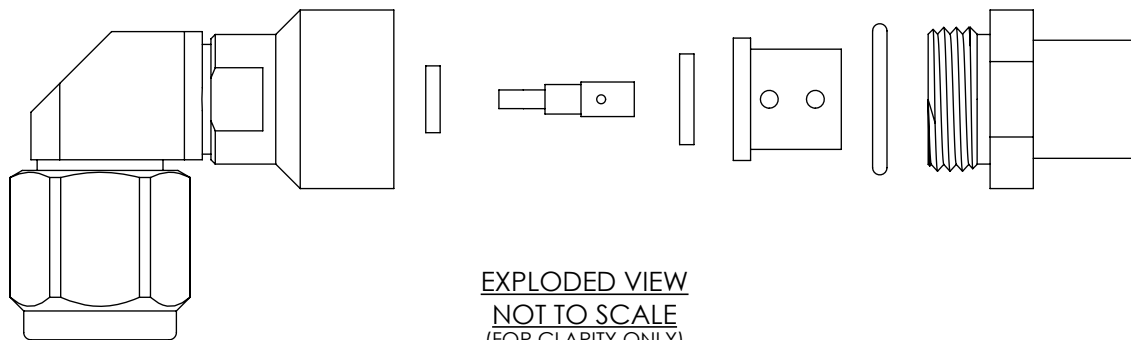
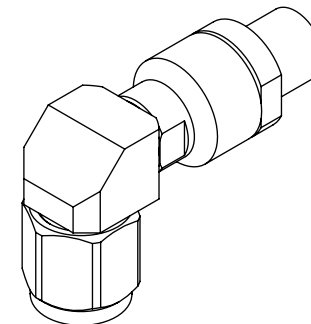
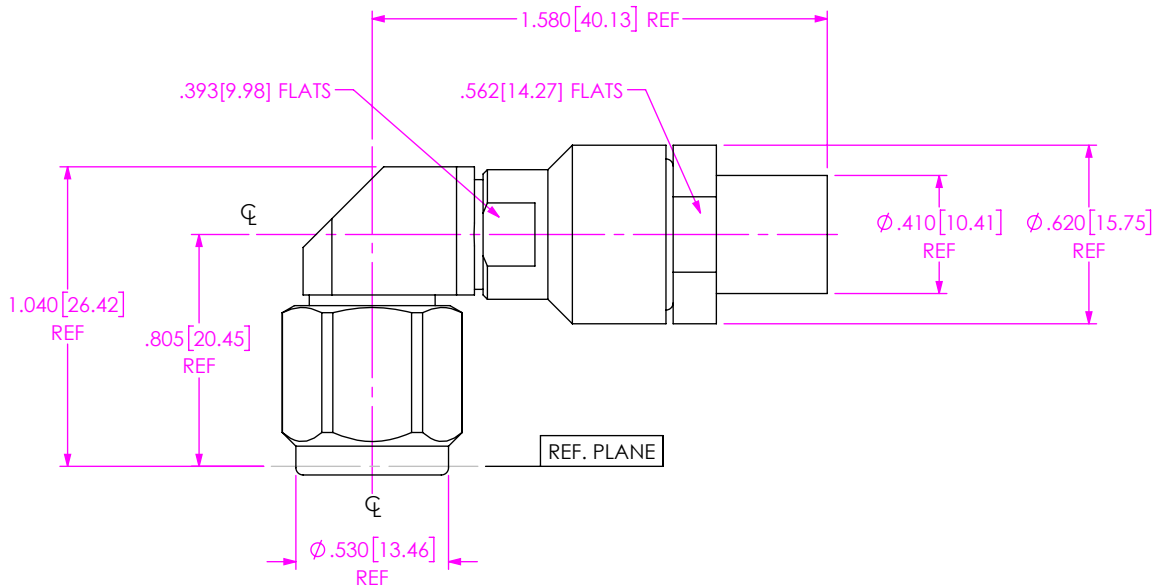
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-335A: HARBOUR LL335I



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODY, COUPLING & CLAMP NUTS: STAINLESS STEEL.
CONTACT & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET & O-RING: SILICONE RUBBER.
INSULATORS: PTFE.
DIELECTRIC BEADS: ULTEM 1000.
- FINISH:
BODY, COUPLING & CLAMP NUTS: PASSIVATED.
CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3560.

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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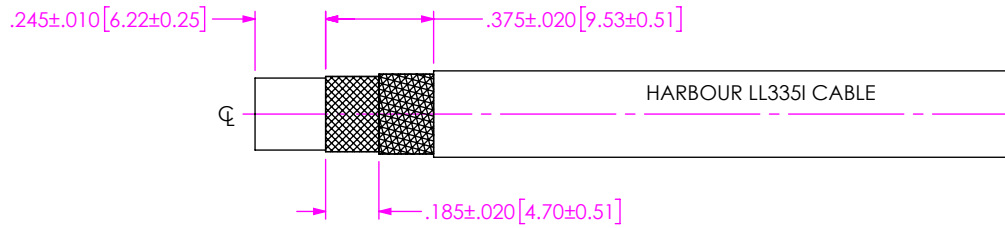
DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

DESCRIPTION: TNCA RA PLUG, SOLDER CLAMP FOR HARBOUR LL335I CABLE

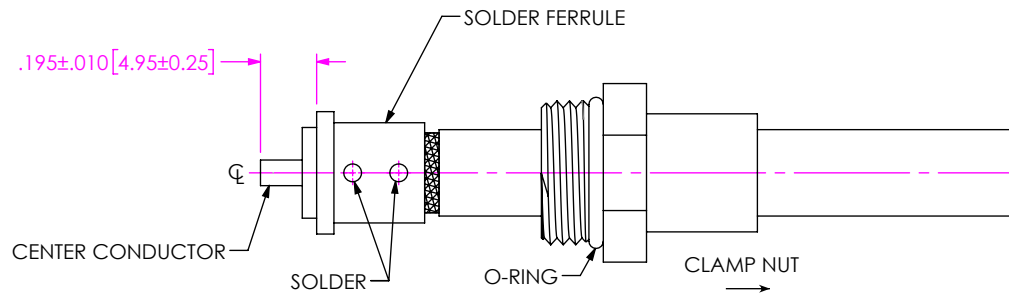
DWG. NO. PRF04-P-C-EP-335A-RS

BY: SAMUEL C 07/31/2020 SHEET 1 OF 3



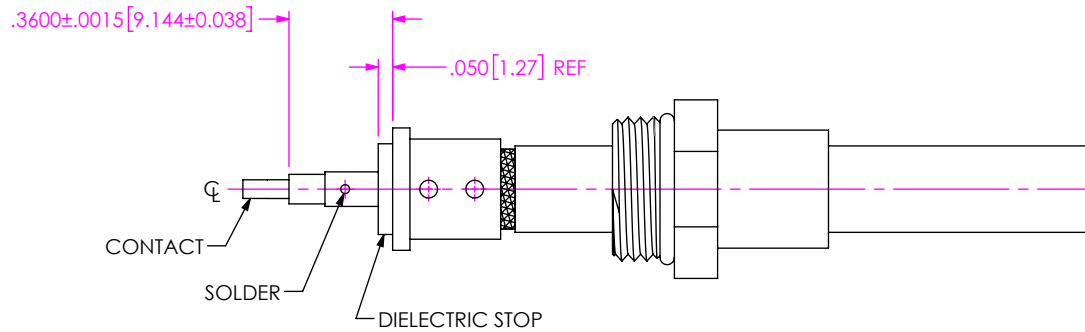
1. TRIM CABLE TO EXPOSE BRAIDS AND DIELECTRIC AS SHOWN.

IN-PROCESS 1




- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS IN FERRULE. THEN SOLDER CABLE BRAIDS WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE.

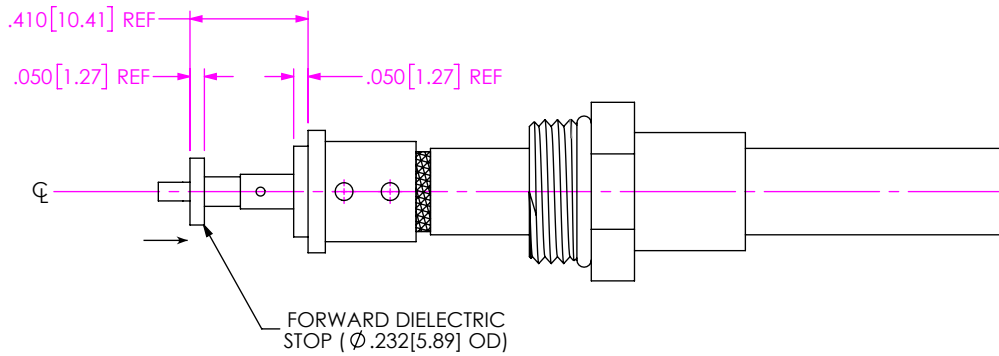
IN-PROCESS 2



- 3A. SLIDE DIELECTRIC STOP (Ø.315[8.00] OD) ONTO CABLE CENTER CONDUCTOR AGAINST FACE OF SOLDER FERRULE.
- 3B. SOLDER CONTACT FLUSH TO DIELECTRIC STOP TO DIMENSION SHOWN.

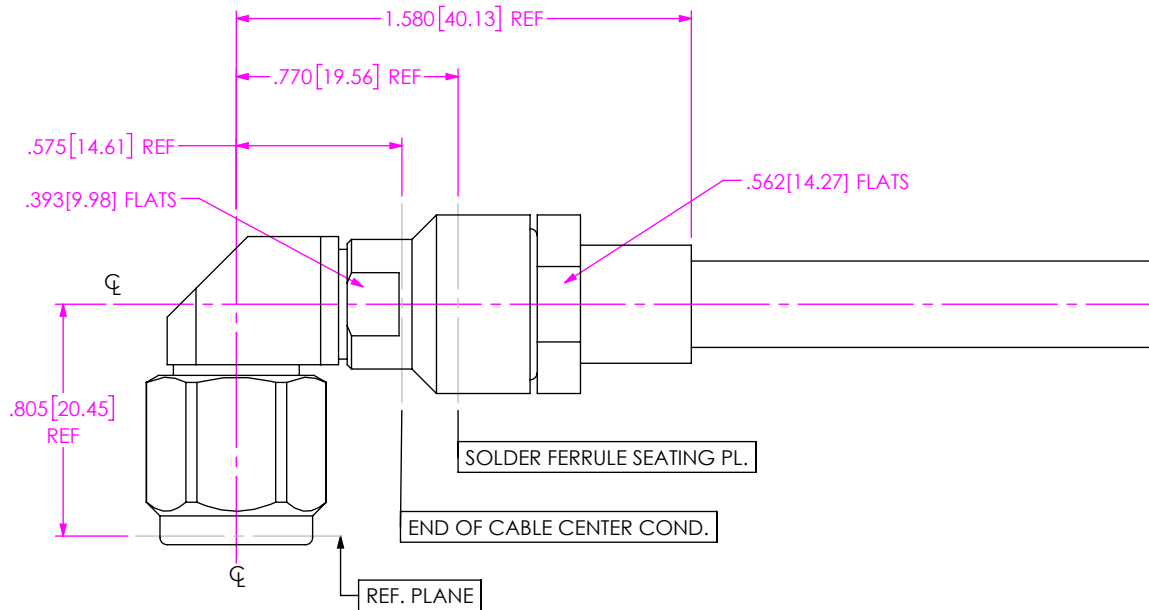
IN-PROCESS 3

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4. SLIDE FORWARD DIELECTRIC STOP ONTO CONTACT. AGAINST SHOULDER AS SHOWN.

IN-PROCESS 4



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

IN-PROCESS 5

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