

DO NOT SCALE FROM THIS PRINT

**DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN**

PRF01-P-C-EP-335A-RS

SERIES
-01: SMA

GENDER
-P: PLUG

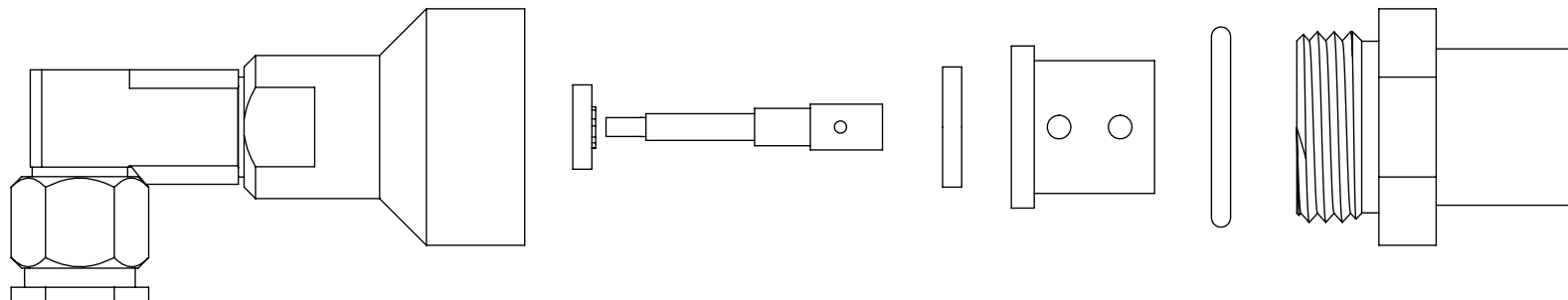
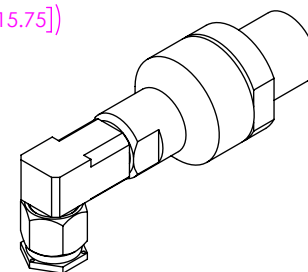
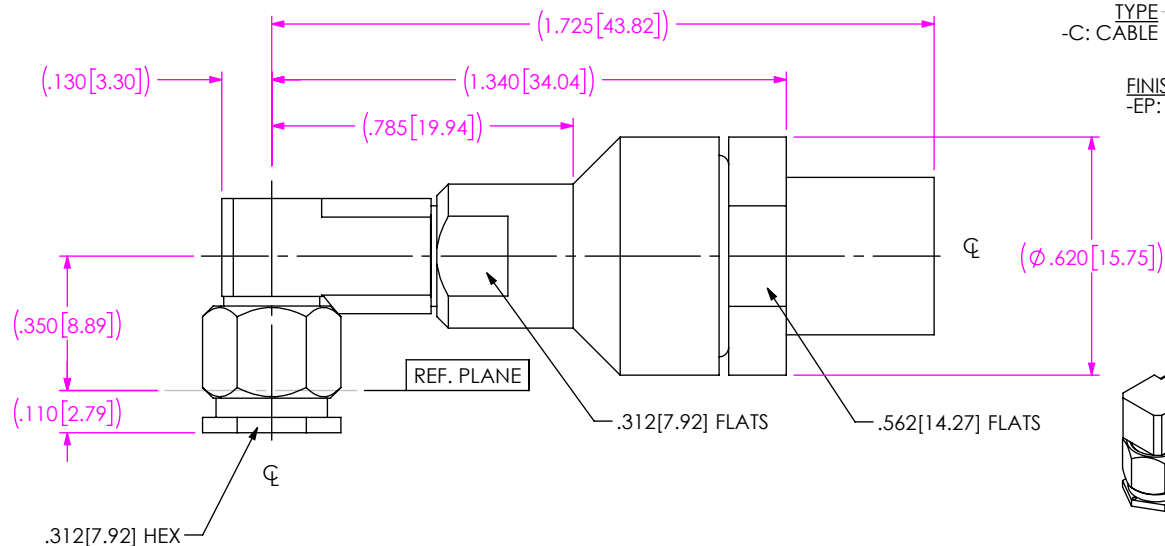
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-335A: HARBOUR LL335I

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

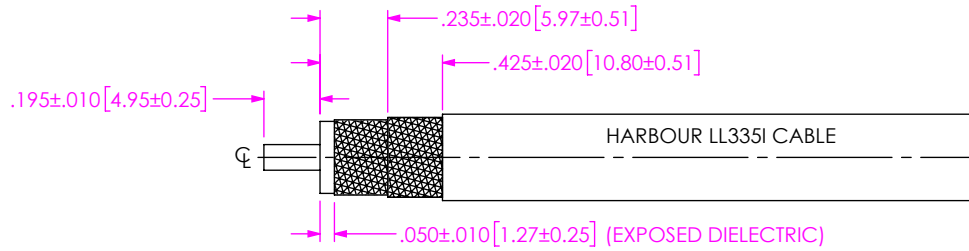


**EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)**

NOTES:

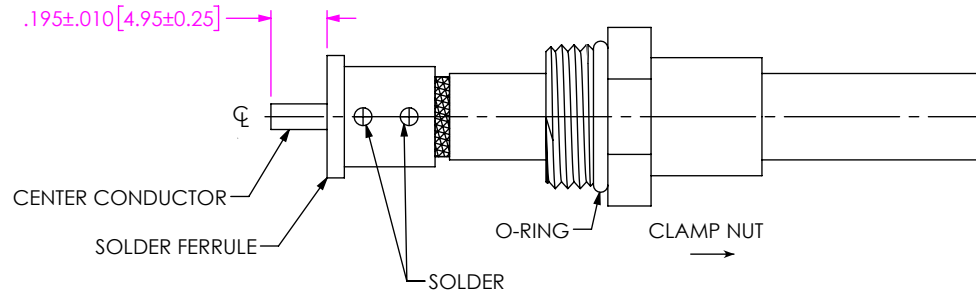
1. MATERIAL:
 BODY, COUPLING & CLAMP NUTS: STAINLESS STEEL.
 CONTACT & LOCK RING: BERYLLIUM COPPER.
 SOLDER FERRULE: BRASS.
 GASKET & O-RING: SILICONE RUBBER.
 INSULATORS: PTFE.
 DIELECTRIC BEADS: ULTEM 1000.
2. FINISH:
 BODY, COUPLING & CLAMP NUTS: PASSIVATED.
 CONTACT: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.
 SOLDER FERRULE: 10µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.
3. DELETED NOTE.

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	<p>DESCRIPTION: SMA RA PLUG, SOLDER CLAMP FOR HARBOUR LL335I CABLE</p>
	<p>DWG. NO. PRF01-P-C-EP-335A-RS</p>
<p>SHEET SCALE: 2:1 DO NOT SCALE DRAWING</p>	<p>BY: HENSON T 07/30/2020 SHEET 1 OF 3</p>



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

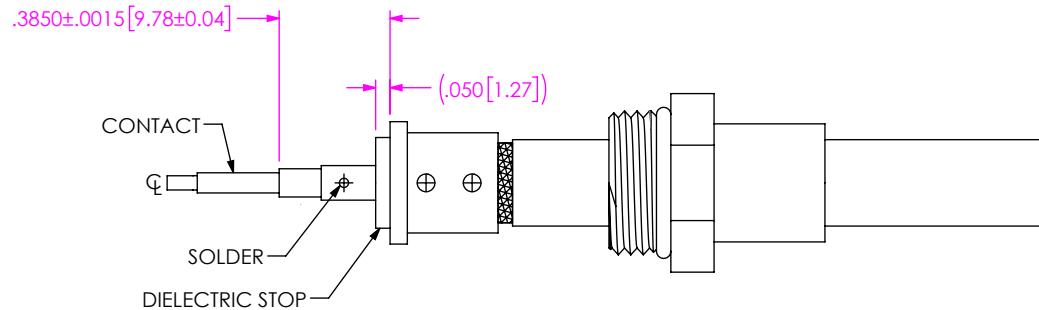
IN-PROCESS 1



2A. INSERT CABLE INTO SOLDER FERRULE UNTIL BRAIDS SEAT IN FERRULE. THEN SOLDER BOTH CABLE BRAIDS WHERE SHOWN.

2B. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE.

IN-PROCESS 2



3A. SLIDE DIELECTRIC STOP (ϕ .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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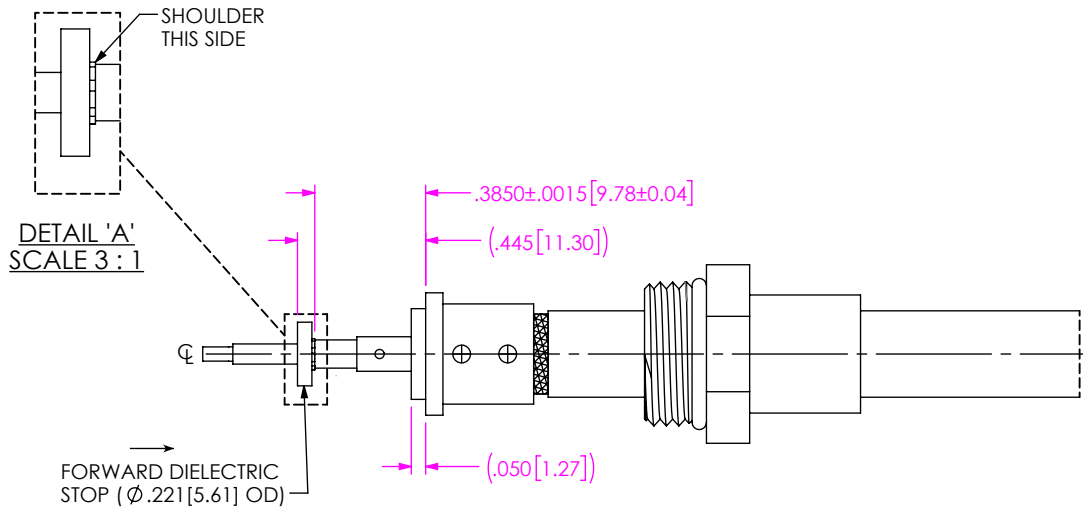
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SHEET SCALE: 1.5:1

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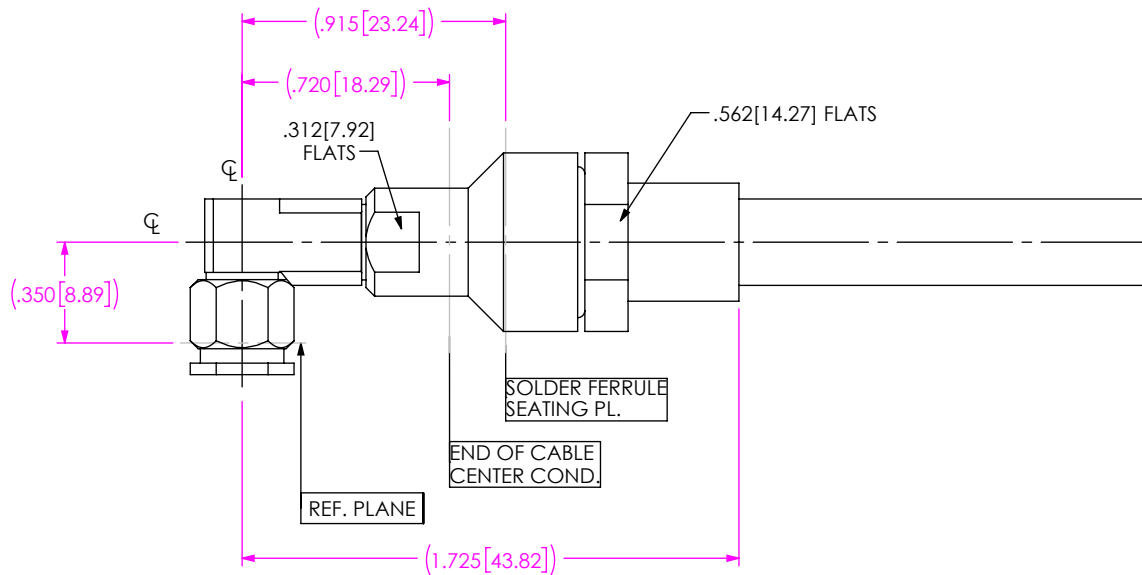
DWG. NO. PRF01-P-C-EP-335A-RS

BY: HENSON T 07/30/2020 SHEET 2 OF 3



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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