

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

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

SERIES
-01: SMA

GENDER
-P: PLUG

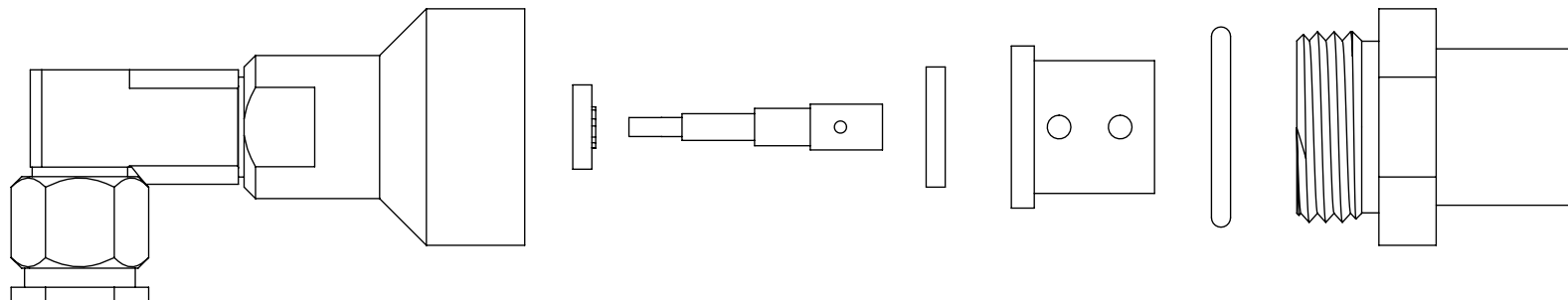
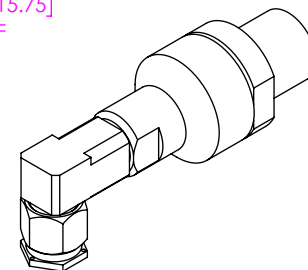
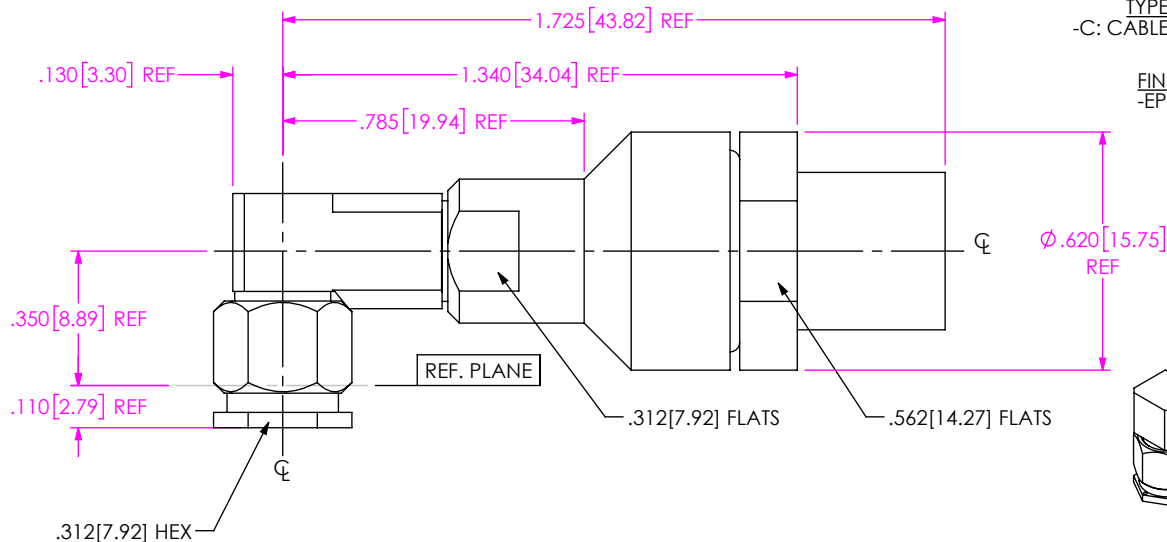
TYPE
-C: CABLE

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:

- 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: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.
SOLDER FERRULE: 10µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.
- PCI P/N: 3557.

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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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

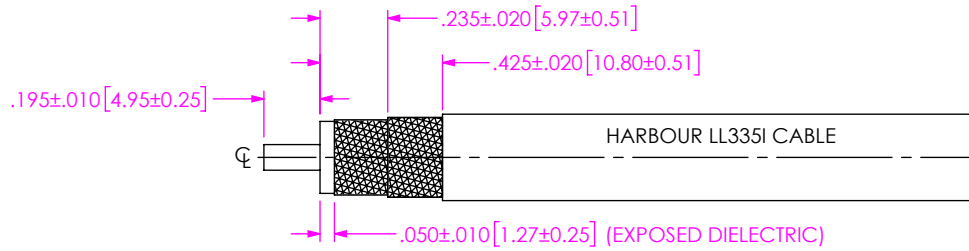
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SHEET SCALE: 2:1

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

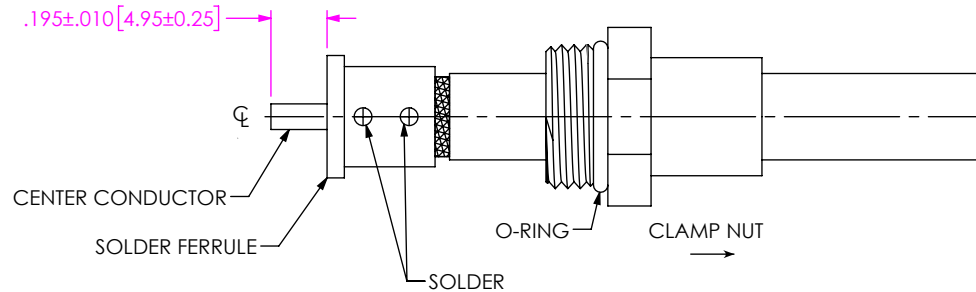
DWG. NO. PRF01-P-C-EP-335A-RS

BY: HENSON T 07/30/2020 SHEET 1 OF 3



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

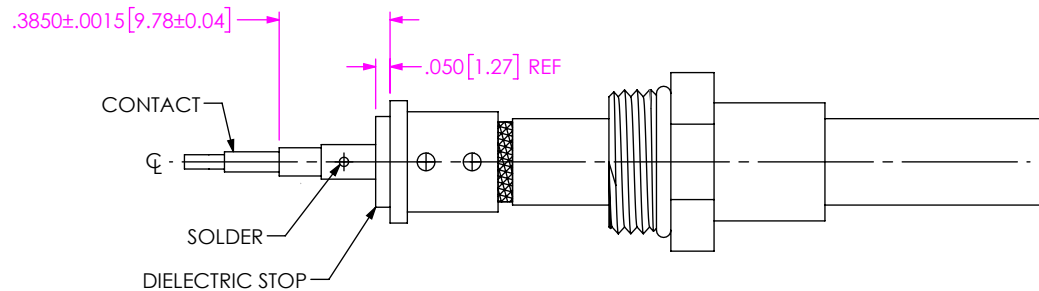
IN-PROCESS 1



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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 e-Mail info@SAMTEC.com code 55322

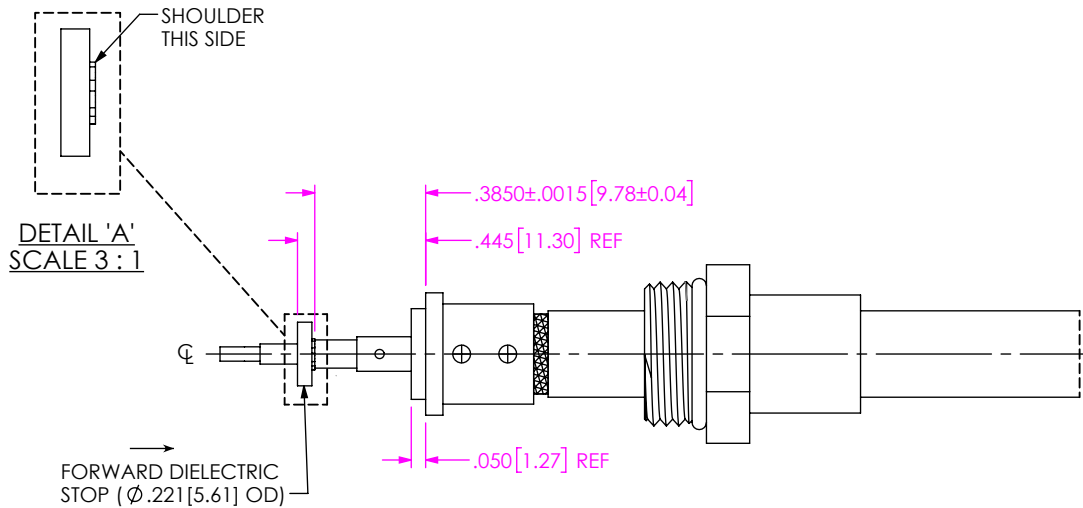
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SHEET SCALE: 1.5:1

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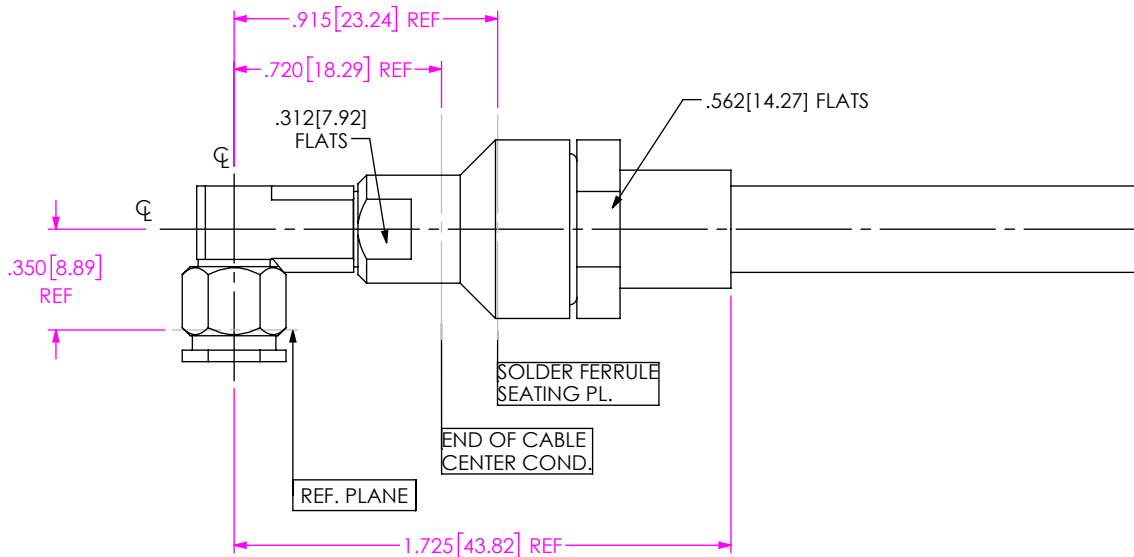
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4. SLIDE FORWARD DIELECTRIC STOP ONTO CONTACT. AGAINST SHOULDER AS SHOWN.

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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