

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF01-P-C-EP-335A-SS-1

SERIES
-01: SMA

GENDER
-P: PLUG

TYPE
-C: CABLE

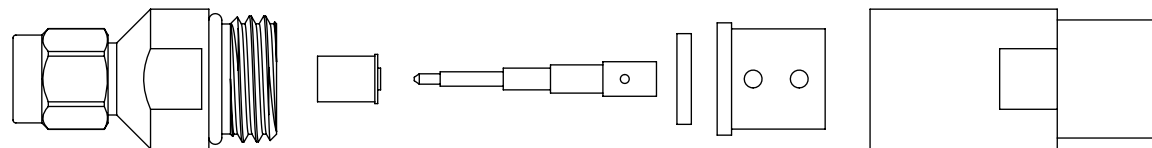
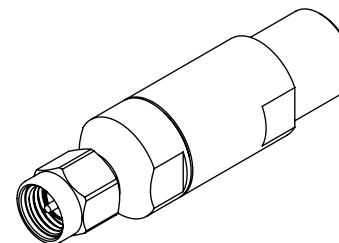
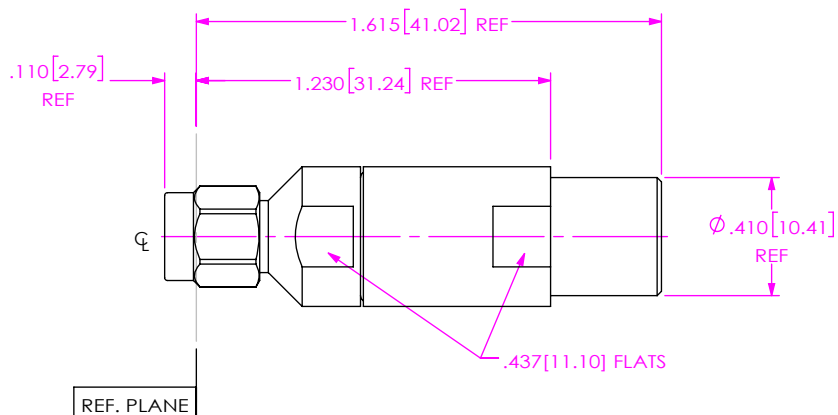
FINISH
-EP: 50µ" EXTRA HEAVY GOLD
CENTER CONTACT, PASSIVATED
OUTER CONTACT

OPTION
-1

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-335A: HARBOUR LL335I



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
 BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.
 CONTACT: BERYLLIUM COPPER.
 SOLDER FERRULE: BRASS.
 O-RING & GASKET: SILICONE RUBBER.
 INSULATOR: PTFE.
 DIELECTRIC BEAD: ULTEM 1000.
- FINISH:
 BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.
 CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
 50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3935.

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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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 55322

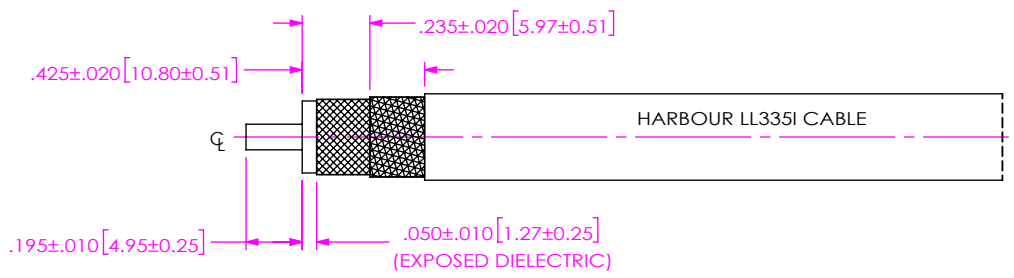
DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR HARBOUR LL335I CABLE. LOW PROFILE

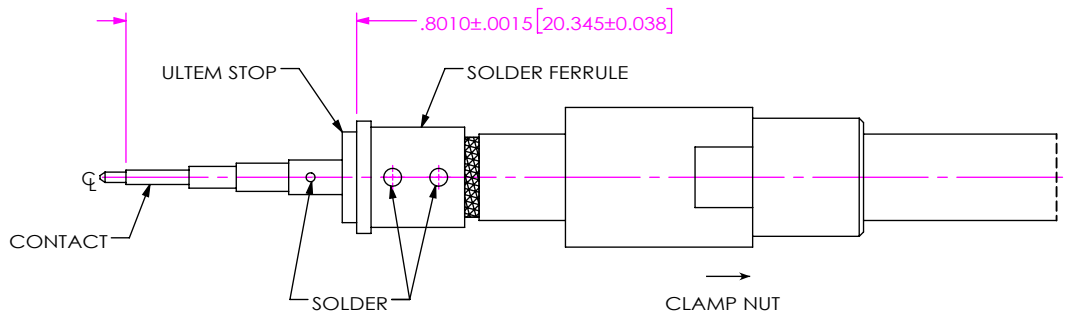
DWG. NO. PRF01-P-C-EP-335A-SS-1

BY: SAMUEL C 08/27/2020 SHEET 1 OF 2



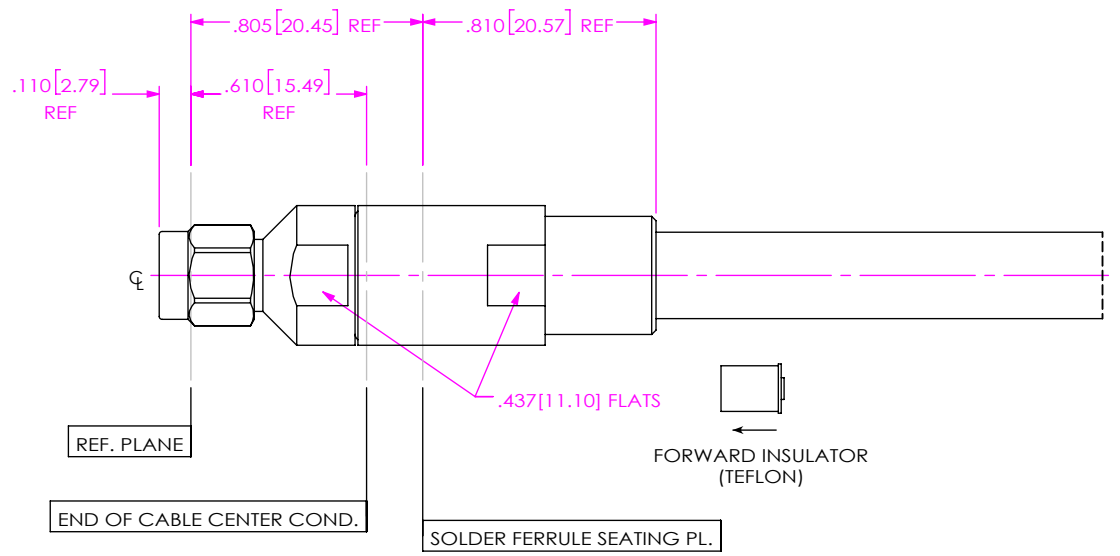
1. TRIM CABLE AS SHOWN.

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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	<p>DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR HARBOUR LL335I CABLE. LOW PROFILE</p>	
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<p>BY: SAMUEL C 08/27/2020</p>		<p>SHEET 2 OF 2</p>