

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

DO NOT
SCALE FROM
THIS PRINT

PRF92-P-C-EP-175-SS

SERIES
-92: 2.92mm

GENDER
-P: PLUG

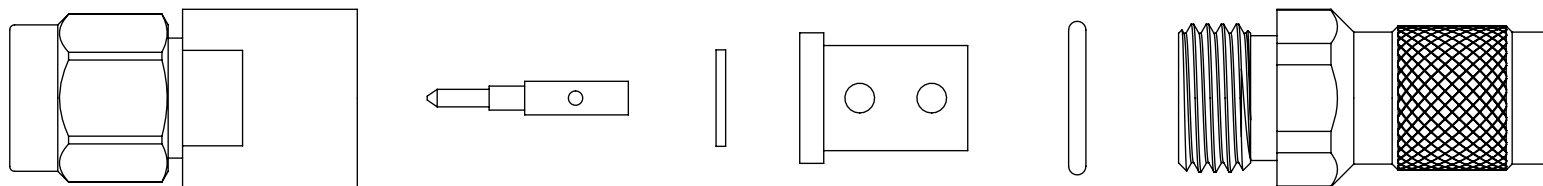
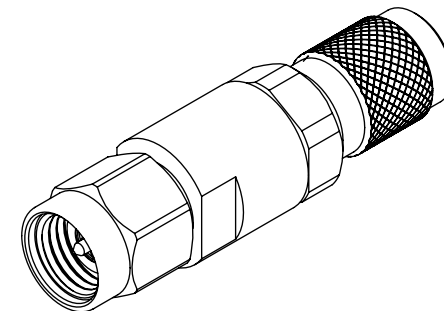
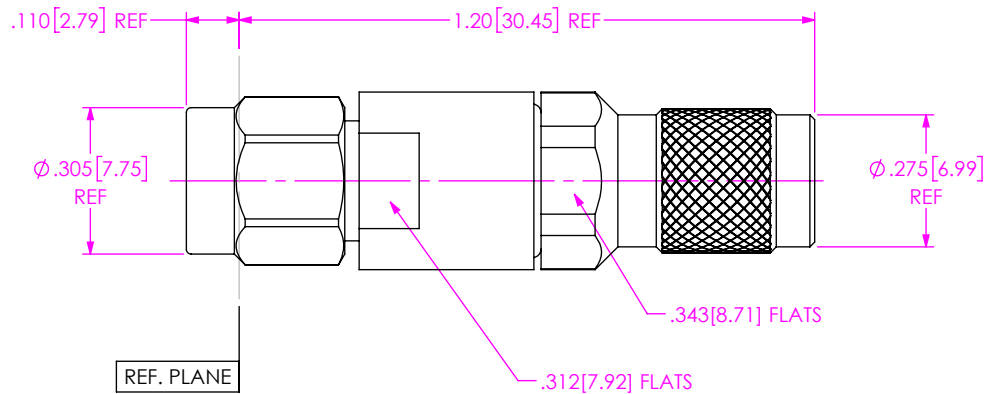
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-175: SEMFLEX LA180S

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.
PIN & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET & O-RING: SILICONE RUBBER.
CABLE STOP: ULTEM 1000.
DIELECTRIC BEAD: NORYL.
- FINISH:
BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.
PIN & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- NOTE DELETED.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0005 [0.013]

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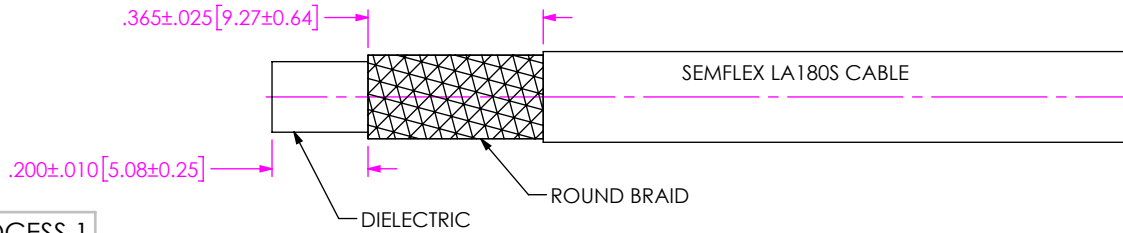
DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR
SEMFLEX LA180S CABLE

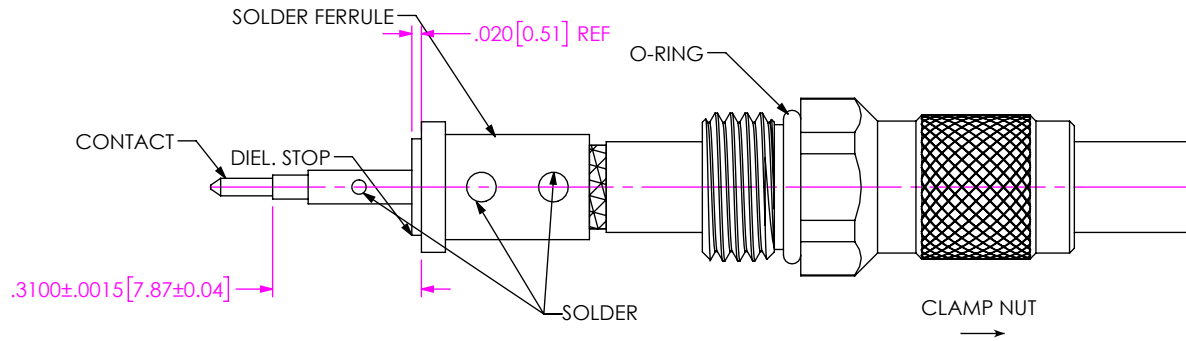
DWG. NO. PRF92-P-C-EP-175-SS

BY: SAMUEL C 08/31/2020 SHEET 1 OF 2



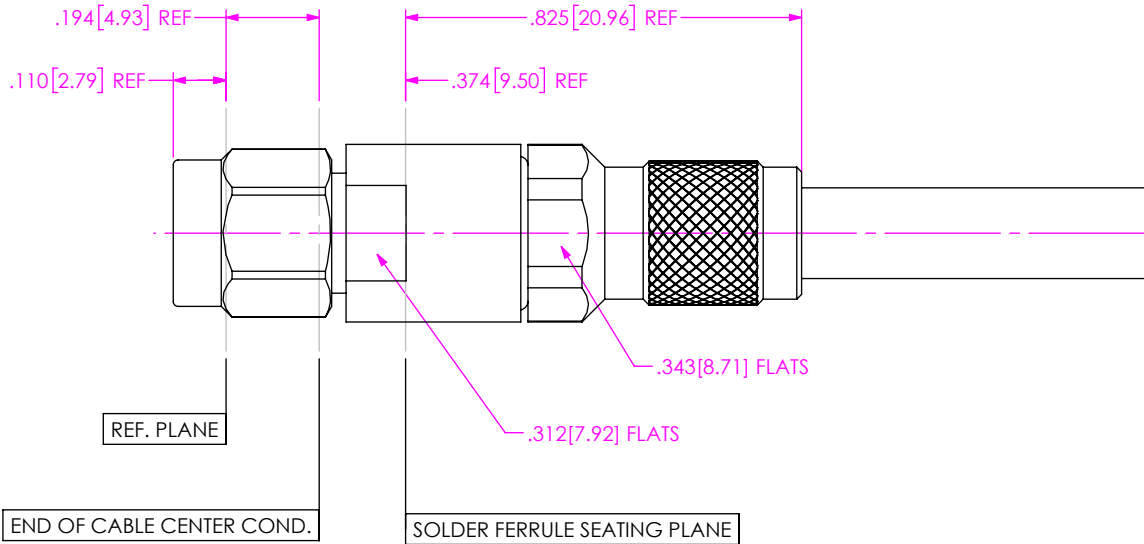
1. TRIM CABLE AS SHOWN.

IN-PROCESS 1




- 2A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL ROUND BRAID SEATS AND SOLDER TO BRAID WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE.
- 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.

IN-PROCESS 2



3. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN.-LBS.

IN-PROCESS 3

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	 <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>	
	<p>DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR SEMFLEX LA180S CABLE</p>	<p>DWG. NO. PRF92-P-C-EP-175-SS</p>
<p>BY: SAMUEL C 08/31/2020 SHEET 2 OF 2</p>		