

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF92-P-C-EP-120A-SS-1

SERIES
-92: 2.92mm

GENDER
-P: PLUG

TYPE
-C: CABLE

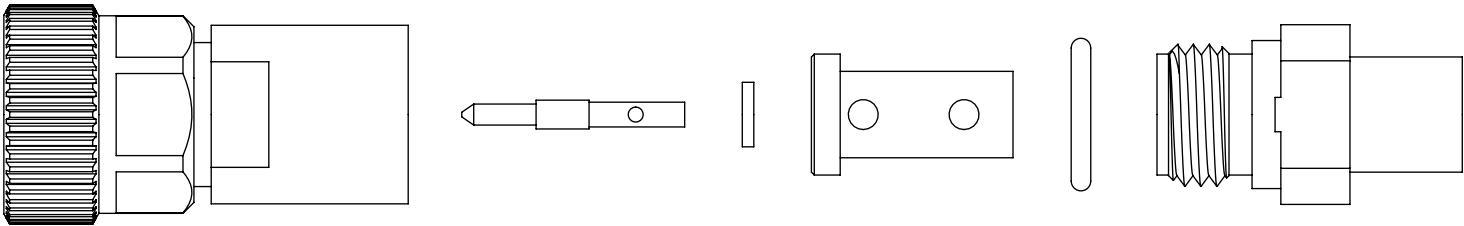
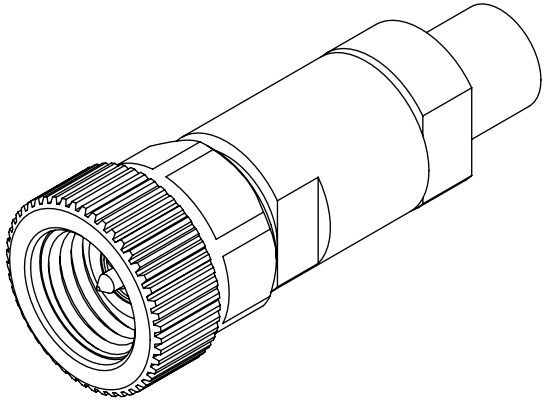
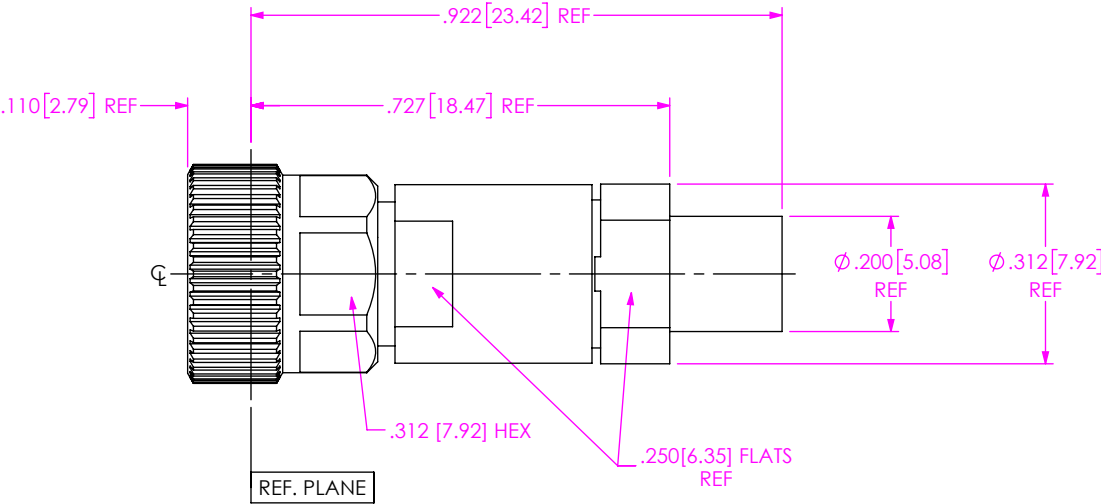
OPTION
-1

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-120A: SEMFLEX HP120

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

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

3. PCI P/N: 4161.

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

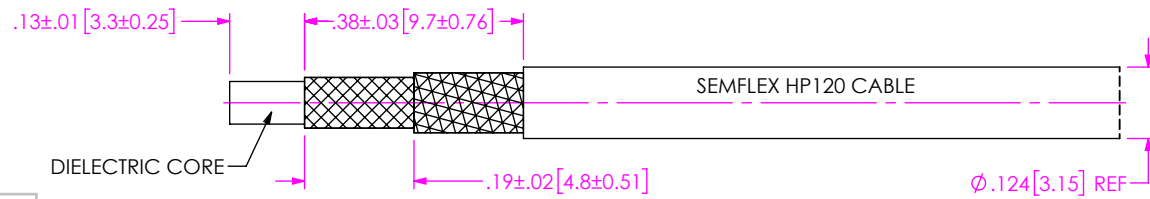
SHEET SCALE: 3:1

DESCRIPTION: 2.92mm PLUG, SOLDER CLAMP FOR
SEMFLEX HP120 STRANDED CABLE

DWG. NO. PRF92-P-C-EP-120A-SS-1

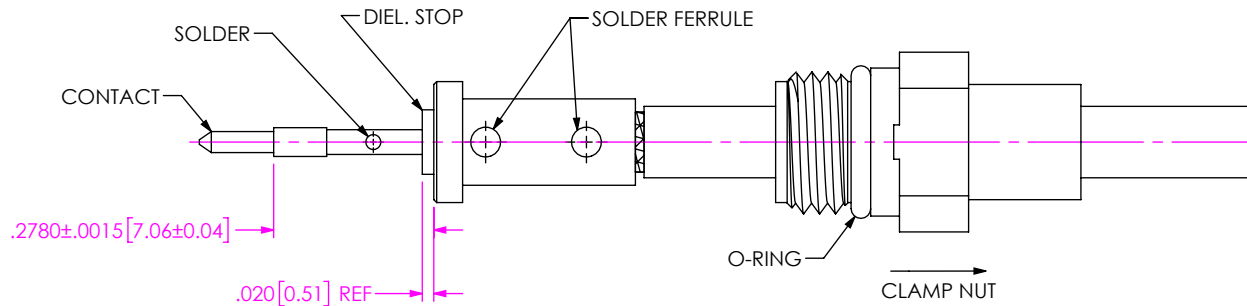
BY: EVE L 03/20/2021 SHEET 1 OF 2

CABLE APPLICATION VIEWS



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

IN-PROCESS 1



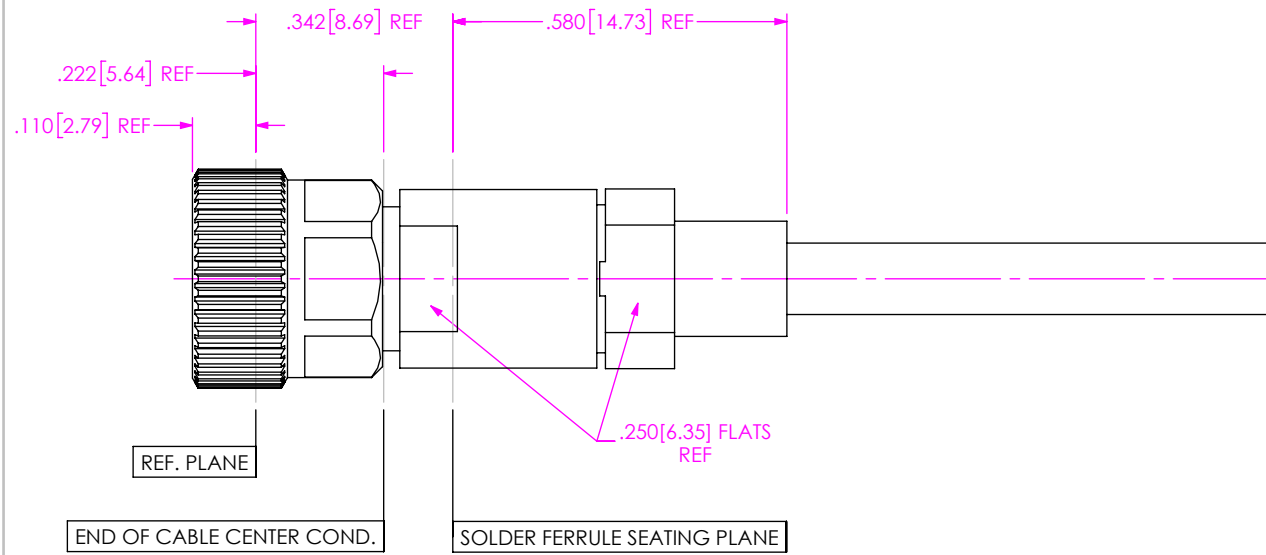
2A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.

2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID IS SEATED AND SOLDER CABLE BRAIDS WHERE SHOWN.

2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE.
(DO NOT CUT CENTER CONDUCTOR STRANDS)

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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DWG. NO. PRF92-P-C-EP-120A-SS-1

BY: EVE L	03/20/2021	SHEET 2 OF 2
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