

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF06-P-C-EP-135B-SS

SERIES
-06: NTPE

GENDER
-P: PLUG

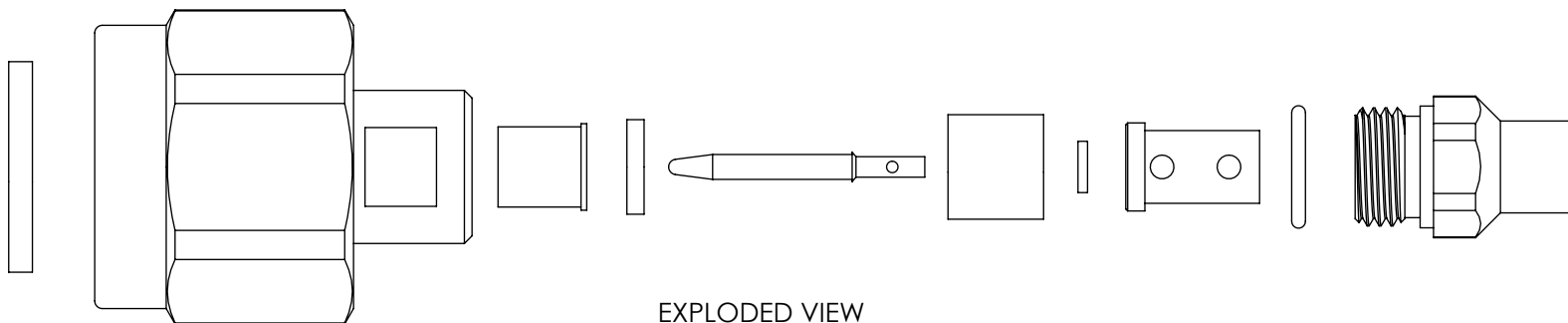
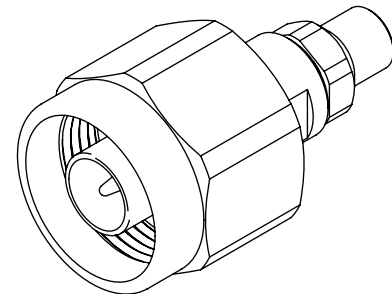
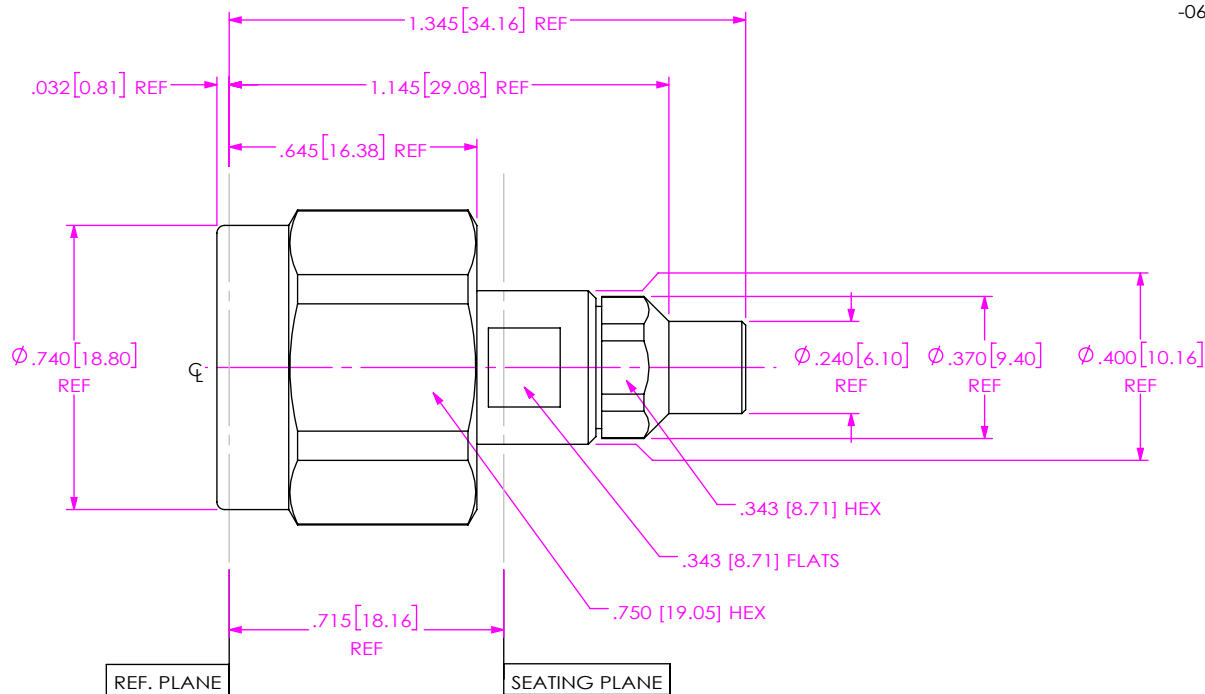
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-135B: LAB-FLEX 160S



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

- NOTES:
- MATERIAL:
BODY, COUPLING NUT, BUSHING & CLAMP NUT: STAINLESS STEEL.
CONTACT & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET & O-RING: SILICONE RUBBER.
INSULATOR: PTFE.
DIELECTRIC STOP, FORWARD BEAD: ULTEM 1000.
 - FINISH:
BODY, COUPLING NUT, BUSHING & CLAMP NUT: PASSIVATED.
SOLDER FERRULE, CONTACT: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
 - PCI P/N: 4159.

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
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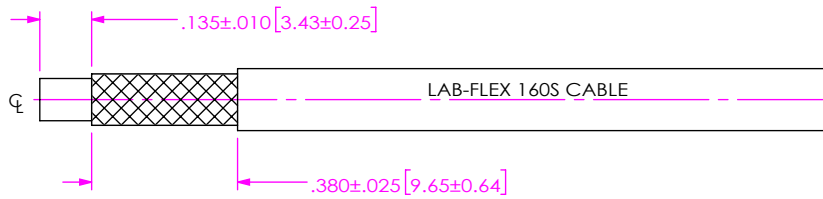
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: N PLUG (18 GHz), SOLDER CLAMP FOR LAB-FLEX 160S CABLE

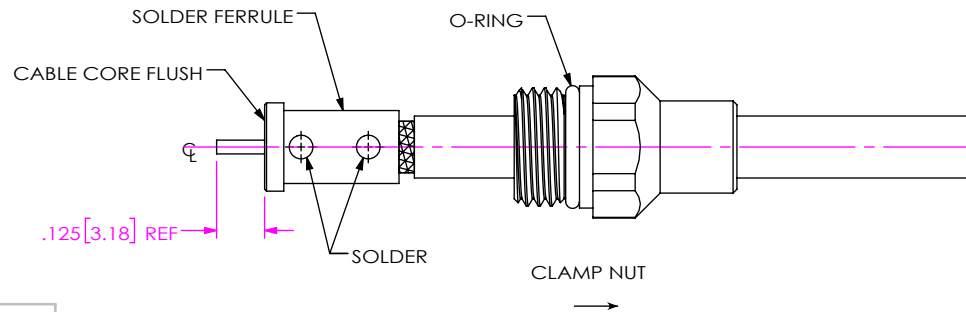
DWG. NO. PRF06-P-C-EP-135B-SS

BY: EVE L 08/12/2021 SHEET 1 OF 3



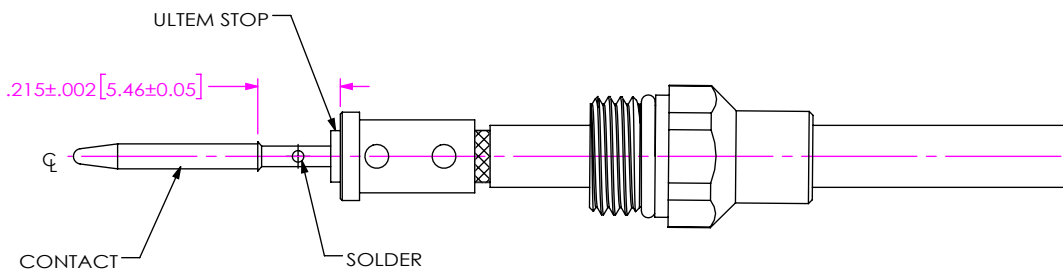
1A. TRIM CABLE TO EXPOSE DIELECTRIC AND OUTER BRAIDS AS SHOWN.

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 BRAIDS SEAT THEN SOLDER BRAIDS TO FERRULE WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE.

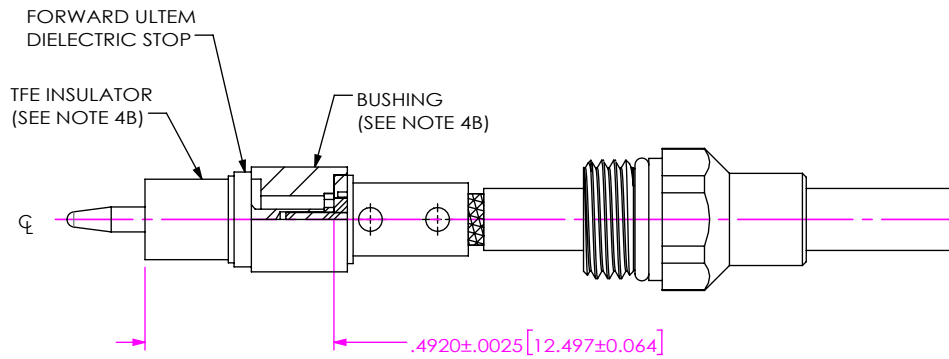
IN-PROCESS 2



- 3A. SLIDE ULTEM DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AGAINST SOLDER FERRULE AS SHOWN.
- 3B. SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.

IN-PROCESS 3

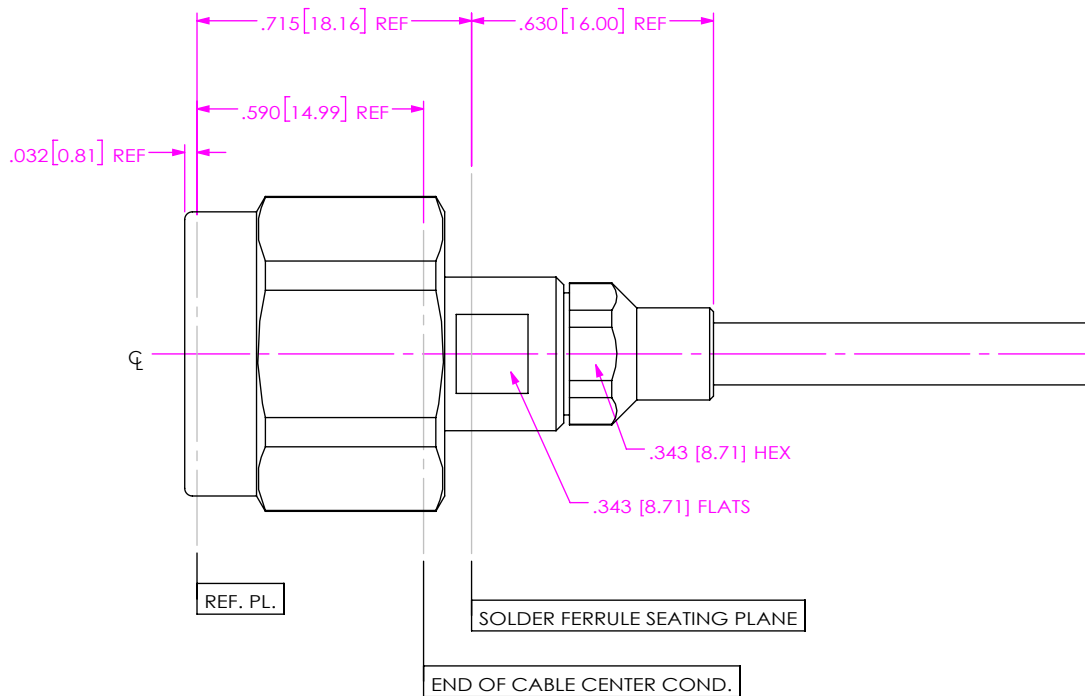
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	<p>DESCRIPTION: N PLUG (18 GHz), SOLDER CLAMP FOR LAB-FLEX 160S CABLE</p>	
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<p>BY: EVE L</p>	<p>08/12/2021</p>	<p>SHEET 2 OF 3</p>



- 4A. SLIDE BUSHING FORWARD ULTEM STOP & FORWARD TEFLON INSULATOR OVER CONTACT AS SHOWN.
- 4B. ORIENT BUSHING WITH LARGER DIAMETER C'BORE TOWARD SOLDER FERRULE. ORIENT FORWARD TFE INSULATOR WITH SHOULDER TOWARD STOP.


NOTE: BUSHING WILL NOT SEAT AGAINST SOLDER FERRULE IF ORIENTATION IS REVERSED.

IN-PROCESS 4



- 5A. 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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