

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF06-P-C-EP-270A-RS

SERIES
-06: NTPE

GENDER
-P: PLUG

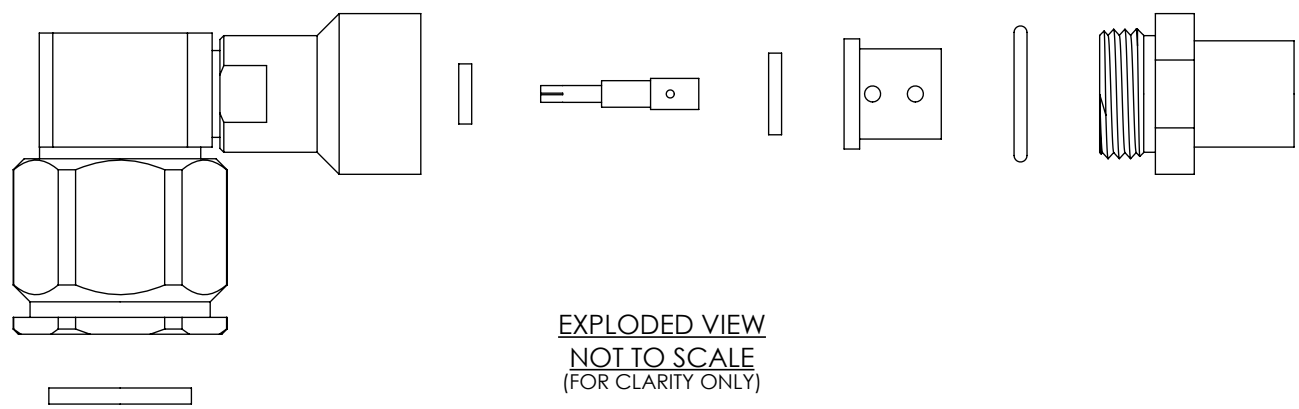
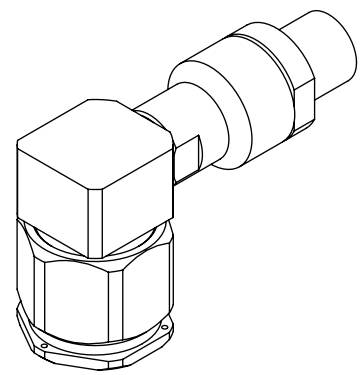
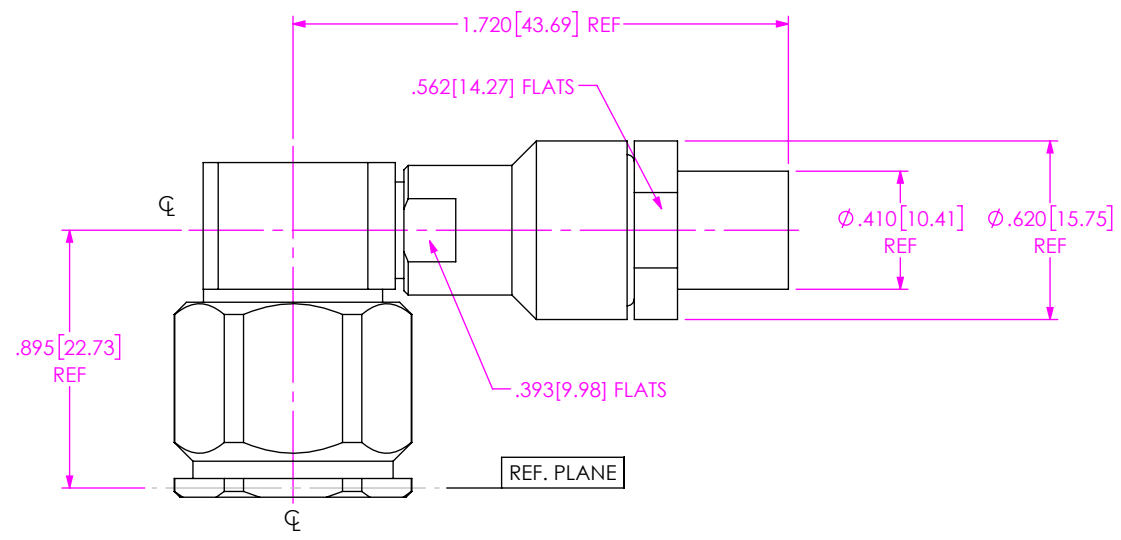
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-270A: DF218 DYNAWAVE



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:
1. MATERIAL:
BODIES, COUPLING & CLAMP NUTS: STAINLESS STEEL.
CONTACT & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET & O-RING: SILICONE RUBBER.
INSULATORS: TEFLON.
DIELECTRIC BEADS: ULTEM 1000.

2. FINISH:
BODIES, COUPLING & CLAMP NUTS: PASSIVATED.
CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.

3. PCI P/N: 3533.

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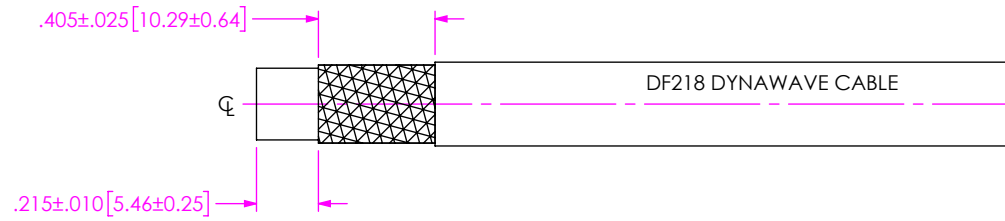
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

DESCRIPTION: NTPE RA PLUG, SOLDER CLAMP FOR DF218 DYNAWAVE CABLE

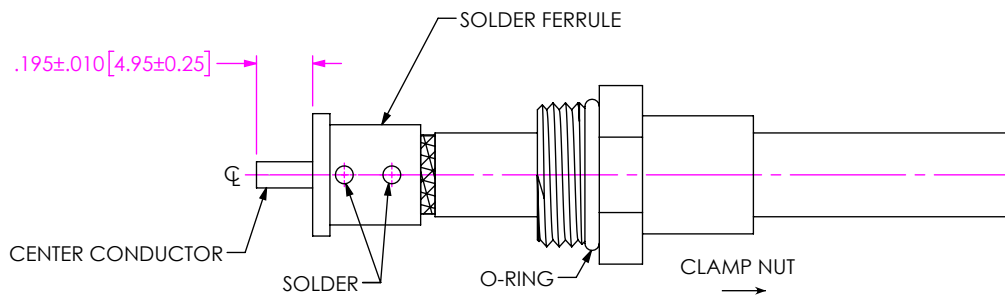
DWG. NO. PRF06-P-C-EP-270A-RS

BY: SAMUEL C 08/20/2020 SHEET 1 OF 3



1. TRIM CABLE AS SHOWN.

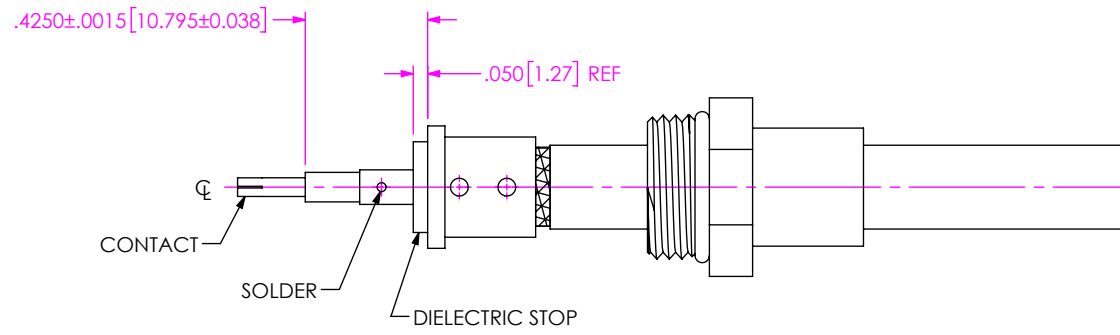
IN-PROCESS 1



2A. INSERT CABLE INTO SOLDER FERRULE UNTIL BRAIDS SEAT IN FERRULE. THEN SOLDER BOTH CABLE BRAIDS TO FERRULE WHERE SHOWN.

2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE.


IN-PROCESS 2

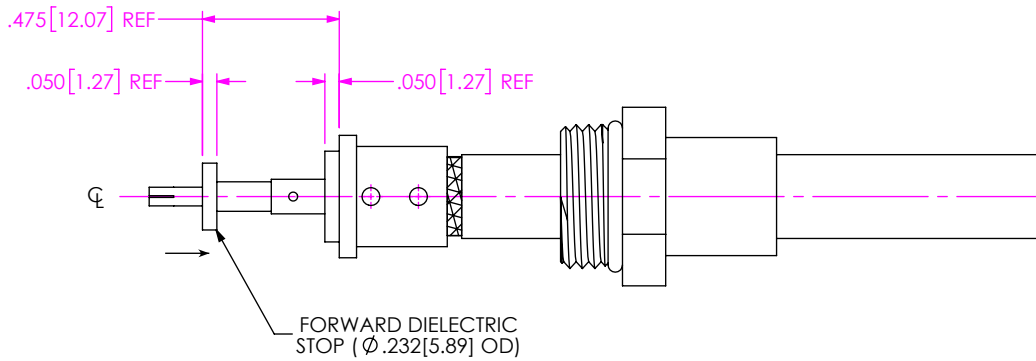


3A. SLIDE DIELECTRIC STOP (∅.315[8.00] OD) ONTO CABLE CENTER CONDUCTOR AGAINST FACE OF SOLDER FERRULE.

3B. SOLDER CONTACT FLUSH TO DIELECTRIC STOP TO DIMENSION SHOWN.

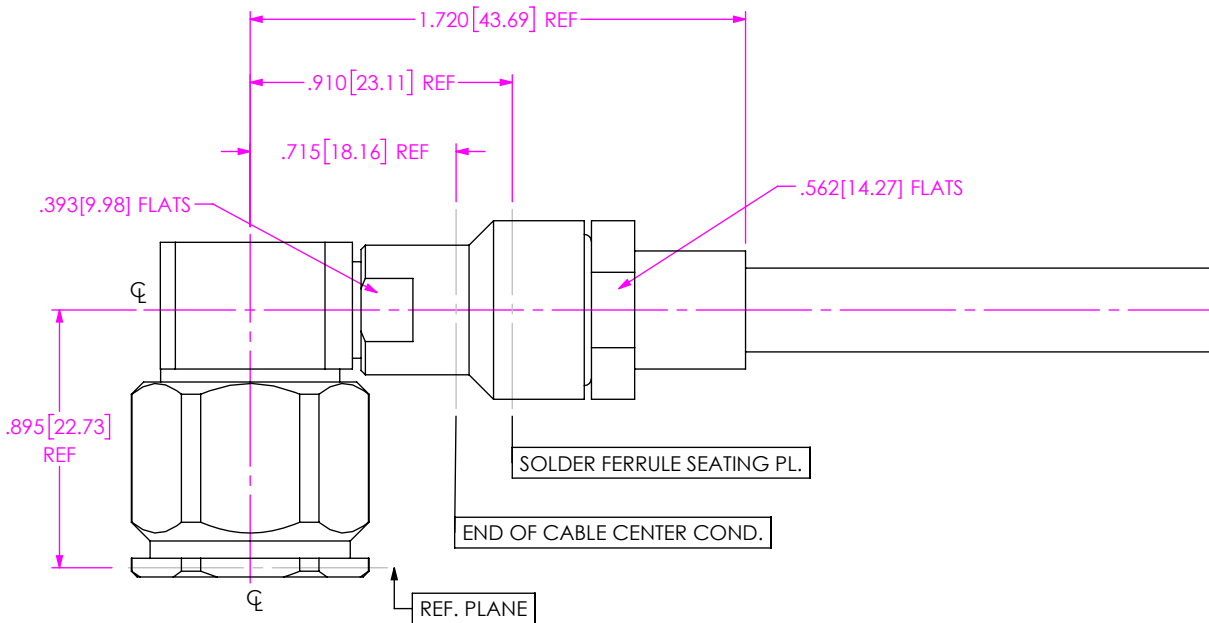
IN-PROCESS 3

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<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 1.5:1</p>	<p>DESCRIPTION: NTPC RA PLUG, SOLDER CLAMP FOR DF218 DYNAWAVE CABLE</p> <p>DWG. NO. PRF06-P-C-EP-270A-RS</p> <p>BY: SAMUEL C 08/20/2020 SHEET 2 OF 3</p>



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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