

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF06-J-C-EP-290-BS

SERIES
-06: NTPE

GENDER
-J: JACK

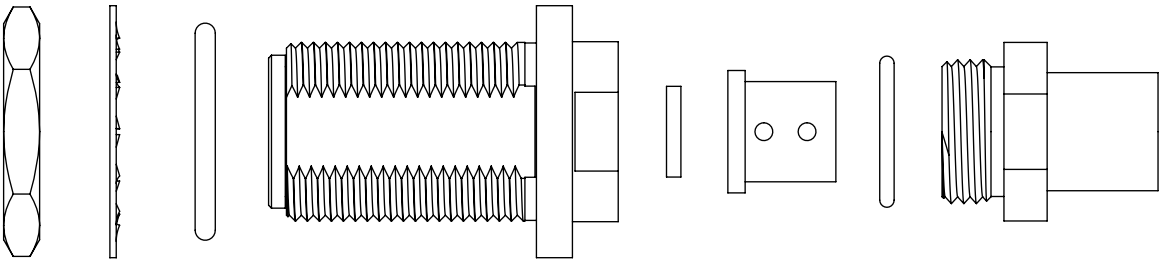
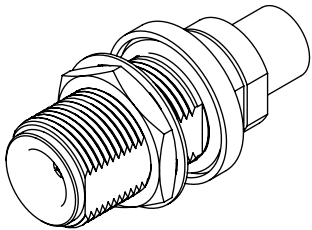
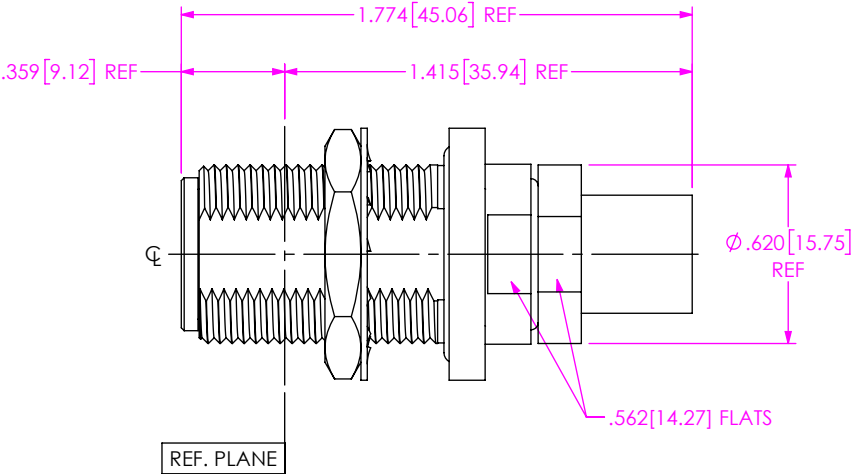
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-B: BULKHEAD

CABLE TYPE
-290: SEMFLEX LA290

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

- NOTES:
- 1. MATERIAL:
BODY, CLAMP NUT, LOCK NUT & LOCKWASHER: STAINLESS STEEL.
CONTACT: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
O-RINGS: SILICONE RUBBER.
BEAD: ULTEM 1000.
 - 2. FINISH:
BODY, CLAMP NUT, LOCK NUT & LOCKWASHER: PASSIVATED.
PIN & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
 - 3. PCI P/N: 3400.

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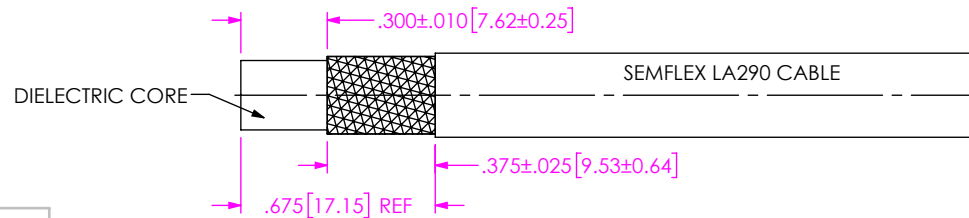
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING SHEET SCALE: 3:2

DESCRIPTION: NTPE BULKHEAD JACK, SOLDER
CLAMP FOR SEMFLEX LA290 CABLE

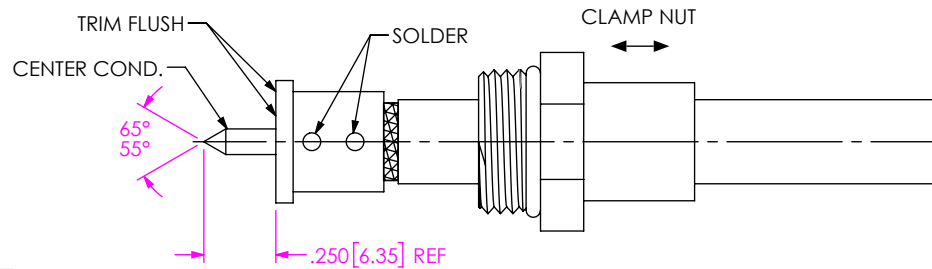
DWG. NO. PRF06-J-C-EP-290-BS

BY: CANDY W 05/24/2019 SHEET 1 OF 2



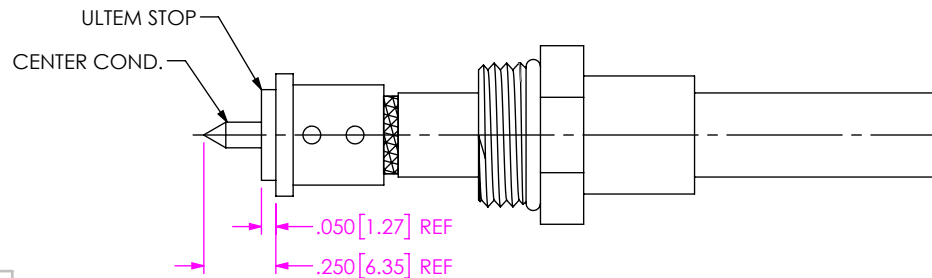
1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND OUTER BRAID AS SHOWN.

IN-PROCESS 1



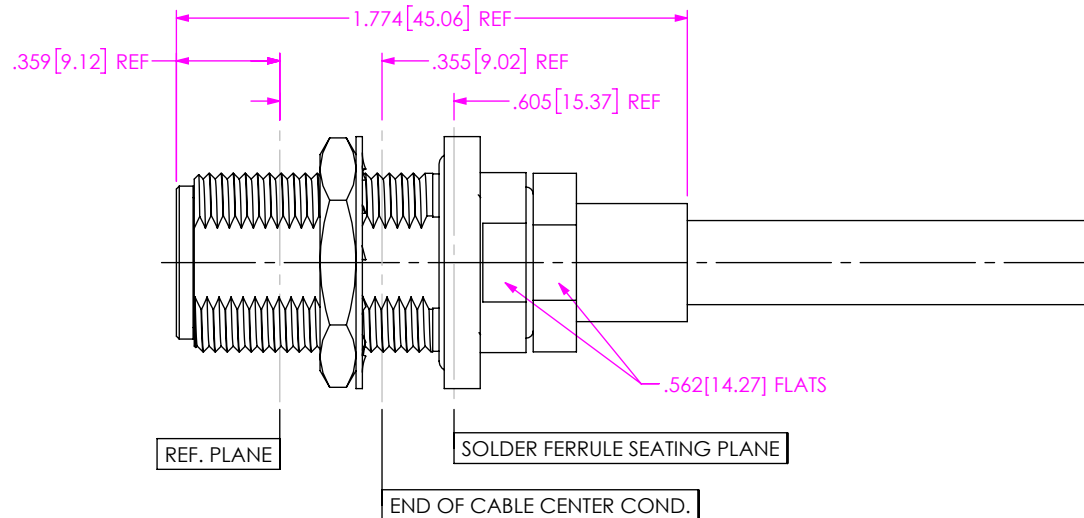
- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO FERRULE UNTIL BRAIDS AND SOLDER TO FERRULE WHERE SHOWN.
- 2C. TRIM DIELECTRIC CORE FLUSH WITH FACE OF SOLDER FERRULE.
- 2D. POINT CENTER CONDUCTOR AS SHOWN.

IN-PROCESS 2



3. SLIDE DIELECTRIC STOP ONTO CABLE CENTER CONDUCTOR FLUSH WITH SOLDER FERRULE FACE.

IN-PROCESS 3



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

IN-PROCESS 4

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SHEET SCALE: 3:2

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DESCRIPTION: NTPC BULKHEAD JACK, SOLDER CLAMP FOR SEMFLEX LA290 CABLE

DWG. NO. PRF06-J-C-EP-290-BS

BY: CANDY W 05/24/2019 SHEET 2 OF 2