

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF18-J-C-EP-047D-SS-X

SERIES
-24: 2.4MM

GENDER
-J: JACK

TYPE
-C: CABLE

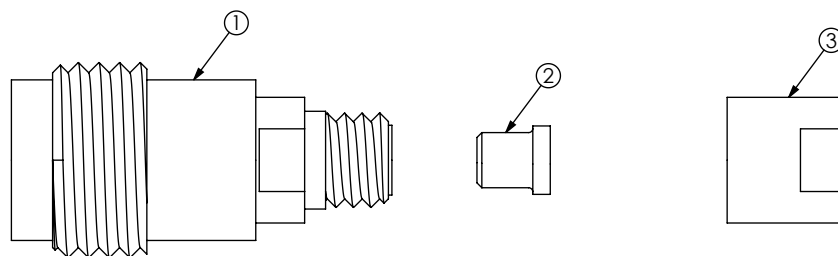
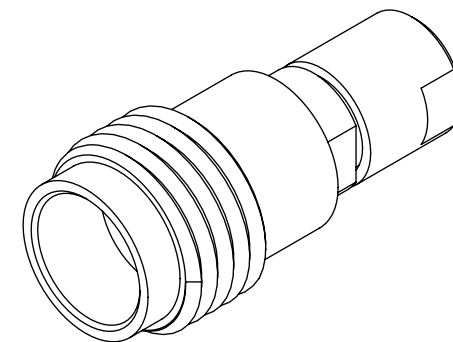
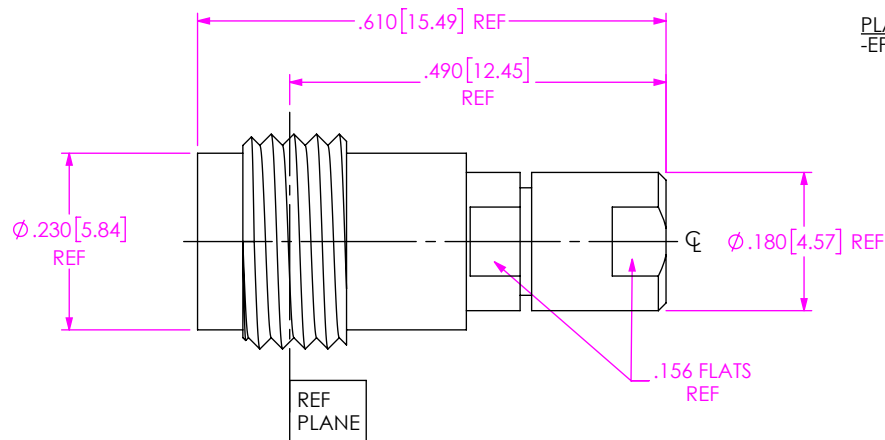
PACKAGING
-B: BULK (IN INCREMENTS OF 50)
(BLANK): STANDARD PACKAGING

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-047D: .047" SEMI-RIGID CABLE

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODY, BUSHING, CLAMP NUT: STAINLESS STEEL.
GASKET: SILICONE RUBBER.
SOLDER FERRULE: BRASS.
BEAD: PEI.
SOCKET: BERYLLIUM COPPER.
- FINISH:
BODY, BUSHING, CLAMP NUT: PASSIVATED.
SOLDER FERRULE, SOCKET: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI PART NUMBER: 3635.
- BULK PACKAGING OPTION (-B) FOR ORDERS IN INCREMENTS OF 50 PCS.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 1°
.XXX: ±.005
.XXXX: ±.0005

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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: 4:1

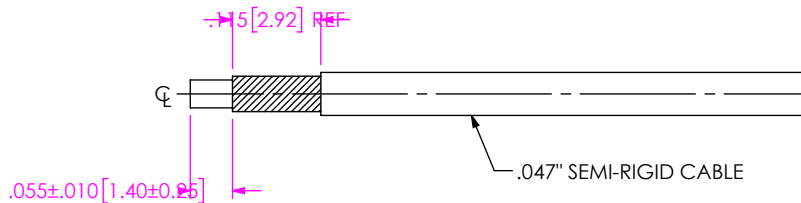
DESCRIPTION:
1.85 MM JACK ASSEMBLY, .047" SEMI-RIGID CABLE
DWG. NO.

PRF18-J-C-EP-047D-SS-X

BY: SHERRY W 4/1/2019

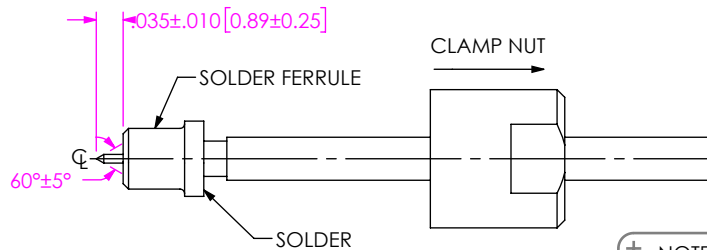
SHEET 1 OF 2

1A. TRIM CABLE TO EXPOSE CENTER DIELECTRIC AS SHOWN



IN-PROCESS 1

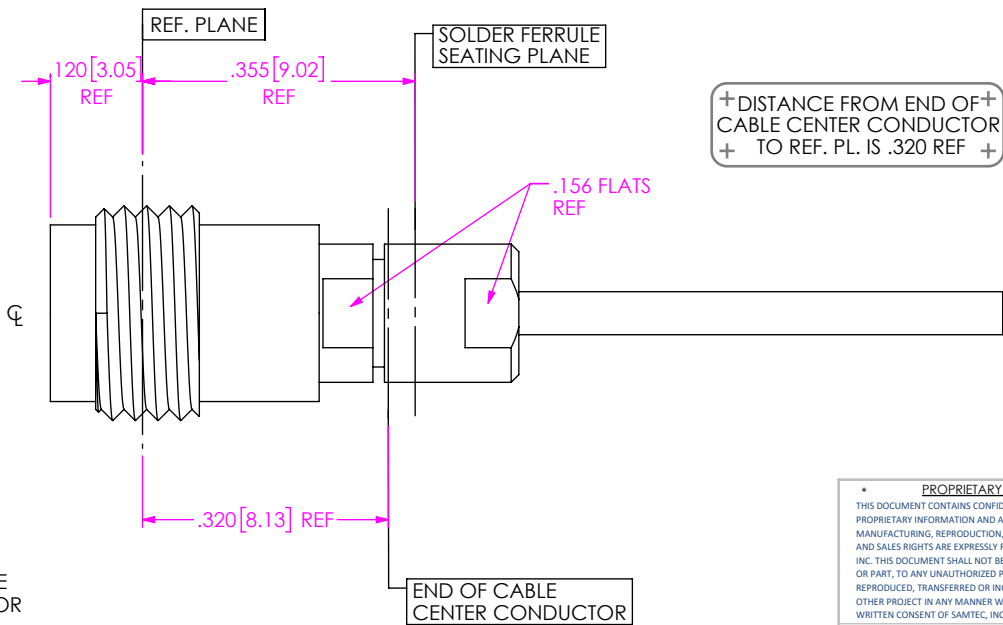
2A. SLIDE CLAMP NUT ONTO CABLE AS SHOWN
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL JACKET IS FULLY SEATED IN FERRULE. THEN SOLDER CABLE TO FERRULE WHERE SHOWN.
 2C. TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE AND POINT CENTER CONDUCTOR AS SHOWN (DON'T SCORE CENTER CONDUCTOR)



+ NOTE: SLIGHT PRESS FIT +
 + BETWEEN CABLE DIELECTRIC +
 + AND SOLDER FERRULE +

IN-PROCESS 2

3A. INSERT CABLE SUB-ASSEMBLY INTO CONNECTOR BODY UNTIL SOLDER FERRULE IS SEATED AND CABLE CENTER CONDUCTOR PLUGS IN. THEN TIGHTEN CLAMP NUT TO 8-10 IN-LBS.



+ DISTANCE FROM END OF +
 + CABLE CENTER CONDUCTOR +
 + TO REF. PL. IS .320 REF +

IN-PROCESS 3

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