REVISION C

PRF92-J-C-EP-047D-SS

SERIES
-92: 2.92mm

ORIENTATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

GENDER
-J: JACK

TYPE
-C: CABLE

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

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

.566 REF

.076 REF

.490

Ø.210 REF

Ø.180 REF

REF PLANE

.156 FLATS REF
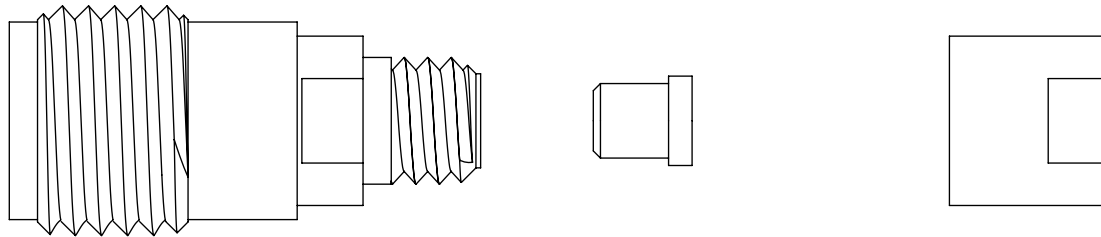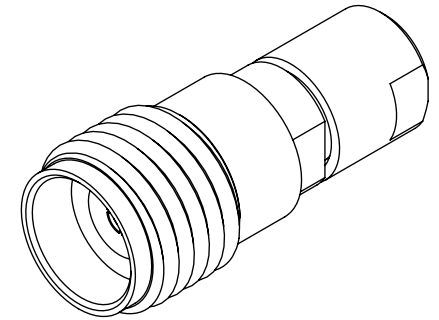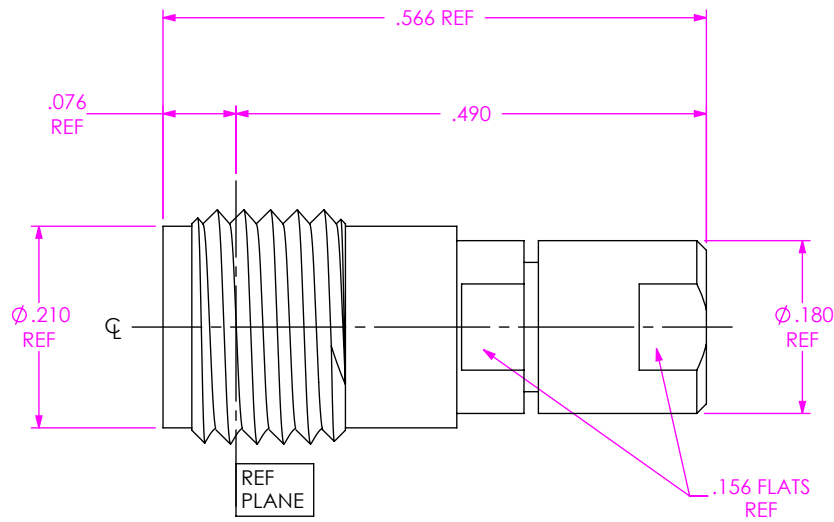
EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:
  1. MATERIAL:
     BODY, BUSHING, CLAMP NUT: STAINLESS STEEL.
     SOLDER FERRULE: BRASS.
     CONTACT: BERYLLIUM COPPER.
     BEAD: ULTEM.

  2. FINISH:
     BODY, CLAMP NUT, BUSHING: PASSIVATED.
     SOLDER FERRULE, CONTACT: GOLD OVER NICKEL PLATE,
     50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
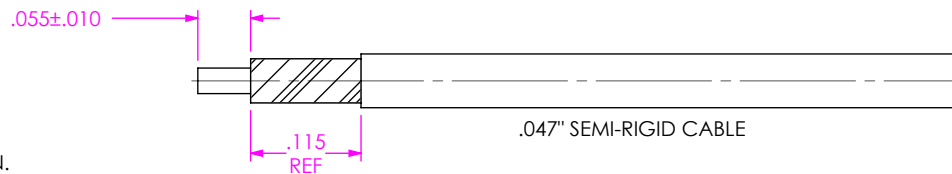
  3. PCI PART NUMBER: 3637.

SAMTEC
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: 5:1

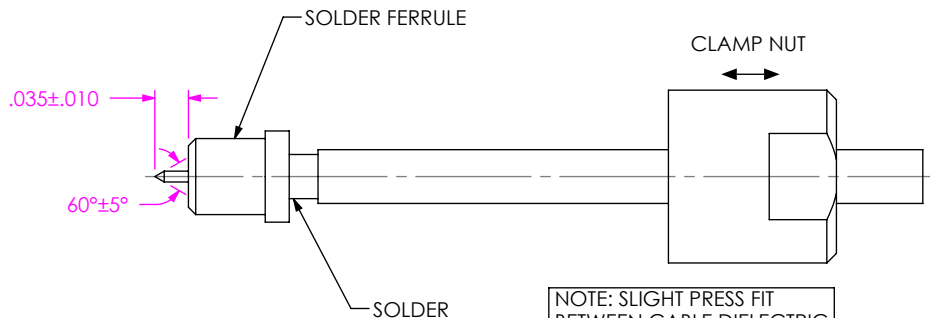DESCRIPTION: 2.92MM JACK SOLDER CLAMP FOR
.047" SEMI-RIGID CABLE

DWG. NO. PRF92-J-C-EP-047D-SS
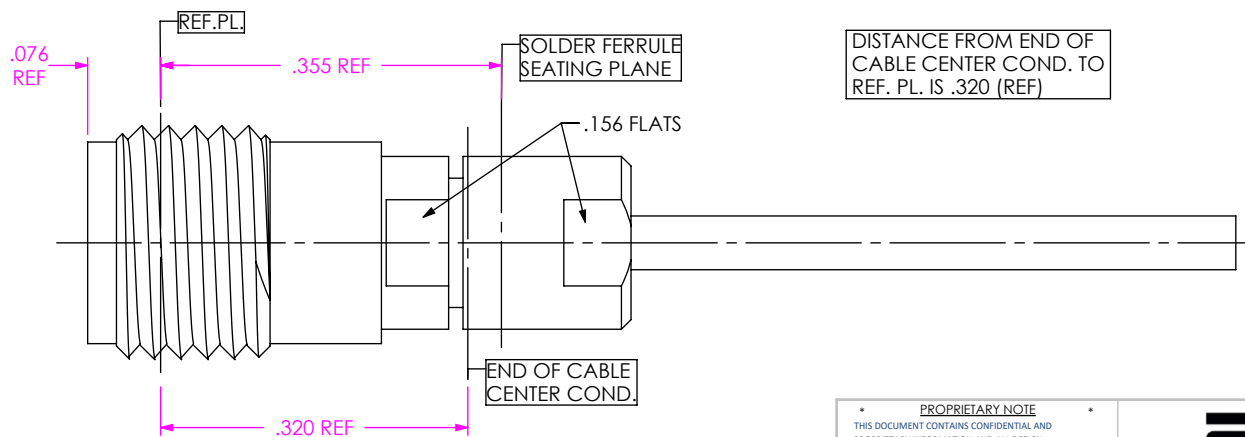
BY: CHRISTIAN S. 04/10/2019   SHEET 1 OF 2

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REVISION C

.055±.010

.047" SEMI-RIGID CABLE

.115
REF

1A. TRIM CABLE TO EXPOSE CENTER DIELECTRIC AS SHOWN.
1B. PRE-TIN CABLE OUTER JACKET OVER APPROX. LENGTH SHOWN.

IN-PROCESS VIEW 1

SOLDER FERRULE

CLAMP NUT

.035±.010

60°±5°

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
2C. TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE AND POINT
    CENTER CONDUCTOR AS SHOWN.
    (DO NOT SCORE CENTER CONDUCTOR)

SOLDER

NOTE: SLIGHT PRESS FIT
BETWEEN CABLE DIELECTRIC
AND SOLDER FERRULE

IN-PROCESS VIEW 2

REF.PL.

.076
REF

.355 REF

SOLDER FERRULE
SEATING PLANE

.156 FLATS

DISTANCE FROM END OF
CABLE CENTER COND. TO
REF. PL. IS .320 (REF)

END OF CABLE
CENTER COND.

.320 REF

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

IN-PROCESS VIEW 3

DO NOT SCALE DRAWING

SHEET SCALE: 5:1

DESCRIPTION: 2.92MM JACK SOLDER CLAMP FOR
.047" SEMI-RIGID CABLE

DWG. NO. PRF92-J-C-EP-047D-SS

BY: CHRISTIAN S.04/10/2019   SHEET 2 OF 2

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