REVISION B

DO NOT SCALE FROM THIS PRINT

.1425±.0015[3.620±0.038]

Ø.3165±.0025[8.039±0.064]
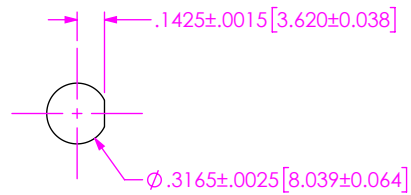
RECOMMENDED PANEL CUTOUT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF01-J-C-EP-335A-BS

SERIES
-01: SMA

GENDER
-J: JACK

TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-B: BULKHEAD

CABLE TYPE
-335A: HARBOUR LL335I

1.726[43.84] REF

.076[1.93] REF

1.650[41.91] REF

Ø.620[15.75] REF

REF. PLANE

.562[14.28] FLATS
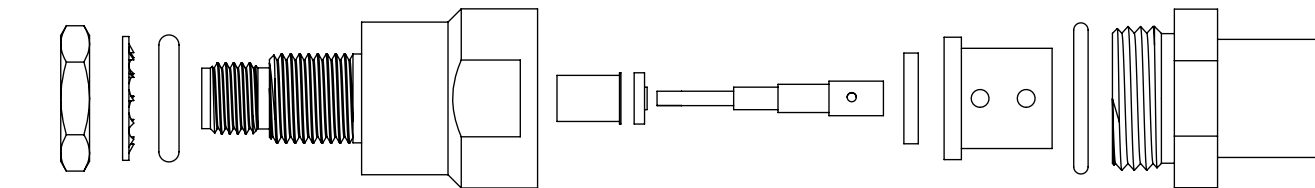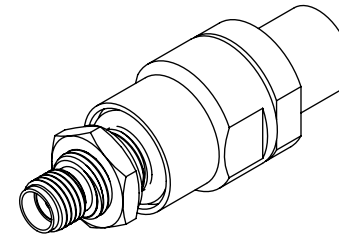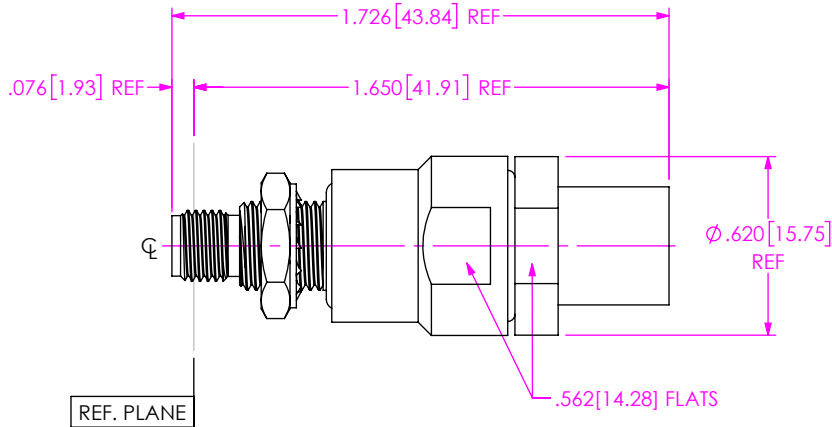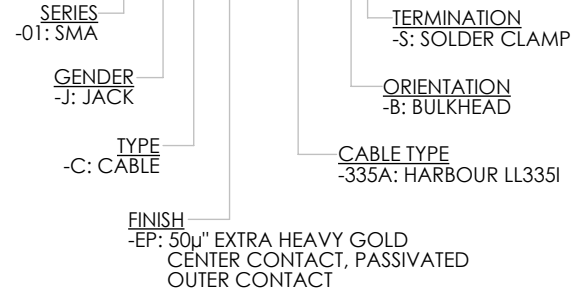
EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:
1. MATERIAL:
   BODY, LOCK WASHER, LOCK NUT & CLAMP NUT: STAINLESS STEEL.
   SOCKET: BERYLLIUM COPPER.
   SOLDER FERRULE: BRASS.
   O-RING: SILICONE RUBBER.
   INSULATOR: PTFE.
   DIELECTRIC BEADS: ULTEM 1000.

2. FINISH:
   BODY, LOCK WASHER, LOCK NUT & CLAMP NUT: PASSIVATED.
   CONTACT: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.
   SOLDER FERRULE: 10µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE.

3. PCI P/N: 4042.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

DECIMALS
.XX: ±.01[0.3]
.XXX: ±.005[0.13]
.XXXX: ±.0005[0.013]

ANGLES
1°

SAMTEC

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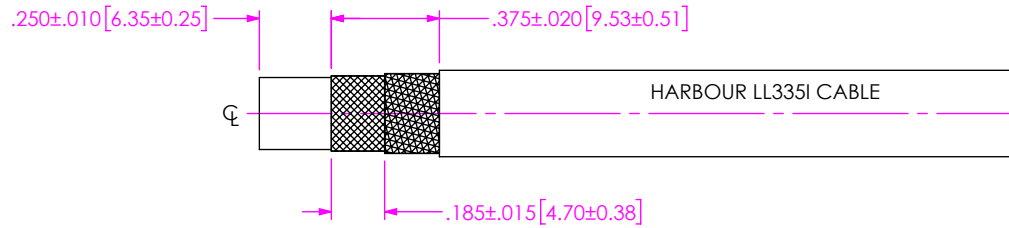e-Mail info@SAMTEC.com   code 55322

DO NOT SCALE DRAWING   SHEET SCALE: 1.5:1

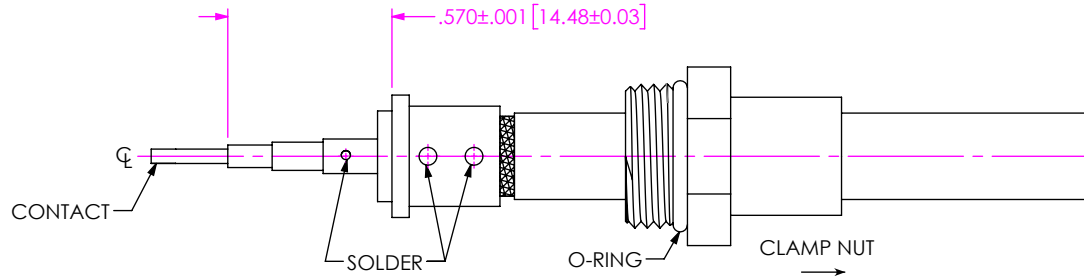DESCRIPTION: SMA BULKHEAD JACK, SOLDER CLAMP FOR HARBOUR LL335I CABLE

DWG. NO.   PRF01-J-C-EP-335A-BS
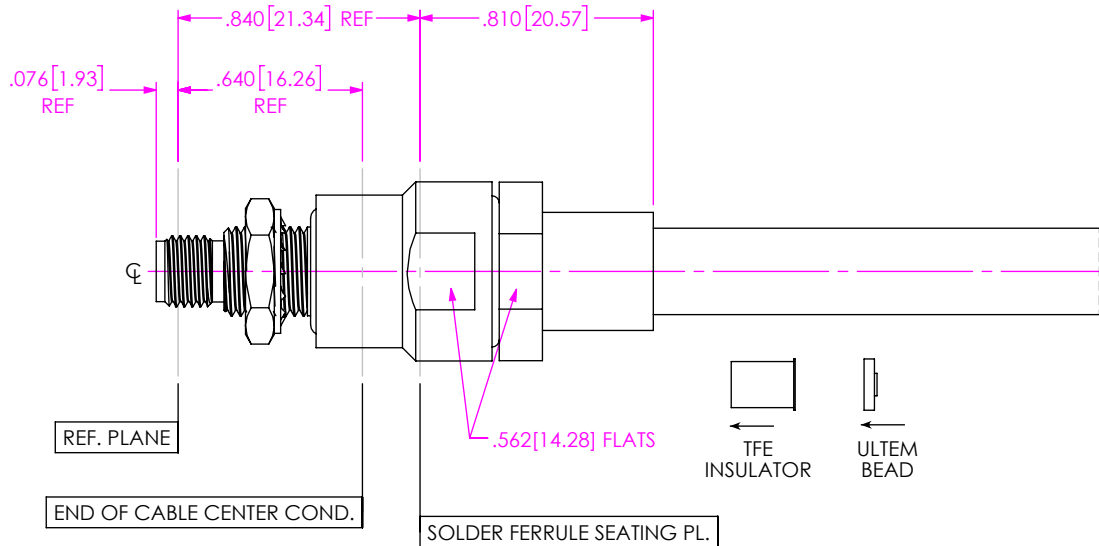
BY: SAMUEL C   07/23/2020   SHEET 1 OF 2

F:\DWG\MISC\MKTG\PRF01-J-C-EP-335A-BS-MKT.SLDDRW

.250±.010[6.35±0.25]

.375±.020[9.53±0.51]

HARBOUR LL335I CABLE

.185±.015[4.70±0.38]

1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND BRAIDS AS SHOWN.

IN-PROCESS 1

.570±.001[14.48±0.03]

CONTACT

SOLDER

O-RING

CLAMP NUT

2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.

2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS IN FERRULE. THEN SOLDER TO CABLE WHERE SHOWN.

2C. TRIM DIELECTRIC CORE FLUSH WITH FACE OF SOLDER FERRULE.

2D. SLIDE DIELECTRIC STOP ONTO CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.

IN-PROCESS 2

.840[21.34] REF

.810[20.57]

.076[1.93] REF

.640[16.26] REF

.562[14.28] FLATS

TFE INSULATOR

ULTEM BEAD

REF. PLANE

END OF CABLE CENTER COND.

SOLDER FERRULE SEATING PL.

3A. INSERT INSULATOR AND FWD ULTEM BEAD INTO CONNECTOR BODY IN ORIENTATION SHOWN.

3B. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.

IN-PROCESS 3

SAMTEC

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e-Mail info@SAMTEC.com   code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

DESCRIPTION: SMA BULKHEAD JACK, SOLDER CLAMP FOR HARBOUR LL335I CABLE

DWG. NO. **PRF01-J-C-EP-335A-BS**

BY: SAMUEL C   07/23/2020   SHEET 2 OF 2

F:\DWG\MISC\MKTG\PRF01-J-C-EP-335A-BS-MKT.SLDDRW