REVISION B

**DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]**

PRFM0-J-C-EE-085-BD

SERIES
-M0: SMPM

GENDER
-J: JACK
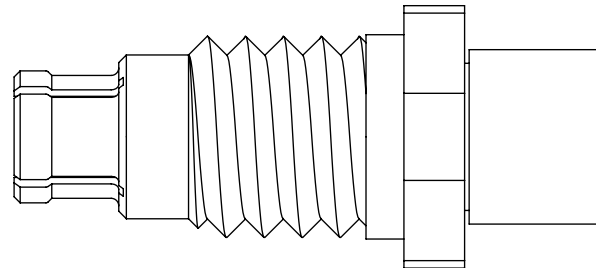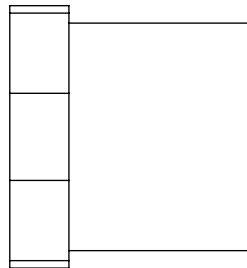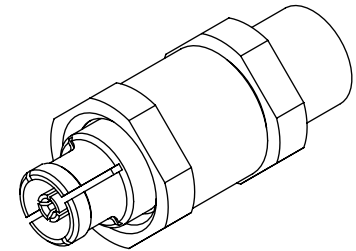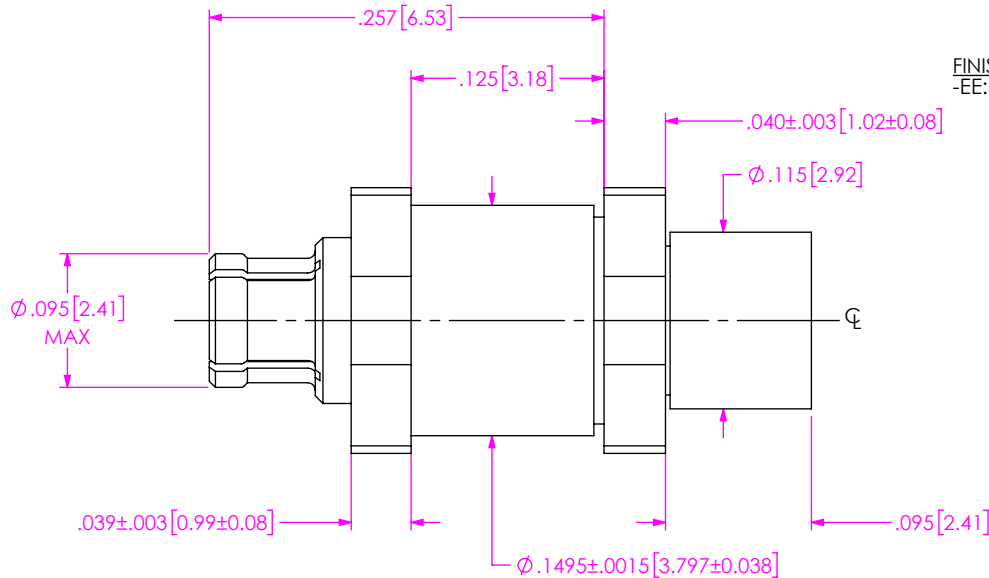
TYPE
-C: CABLE

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

TERMINATION
-D: DIRECT SOLDER

ORIENTATION
-B: BULKHEAD

CABLE TYPE
-085: HARBOUR SS405

DO NOT
SCALE FROM
THIS PRINT

.257[6.53]

.125[3.18]

.040±.003[1.02±0.08]

Ø.115[2.92]

Ø.095[2.41]
MAX

CL

.039±.003[0.99±0.08]

Ø.1495±.0015[3.797±0.038]

.095[2.41]

EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:
1. MATERIAL:
   SHROUD: STAINLESS STEEL.
   DIELECTRIC BEAD: ULTEM.
   BODY CONTACT: BERYLLIUM COPPER.

2. FINISH:
   SHROUD: PASSIVATED.
   BODY CONTACT: GOLD OVER NICKEL PLATE,
   50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.

3. PCI P/N: 3775.

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

DECIMALS   ANGLES
.XX: ±.01[0.3]   1°
.XXX: ±.002[0.05]
.XXXX: ±.0005[0.003]

* PROPRIETARY NOTE *

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

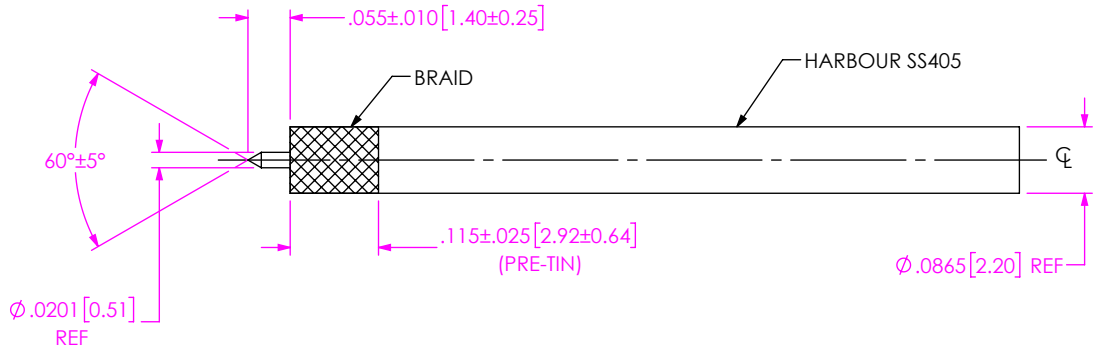DO NOT SCALE DRAWING   SHEET SCALE: 8:1

DESCRIPTION:
SMP SOCKET, BULKHEAD. DIRECT SOLDER FOR HARBOUR SS405
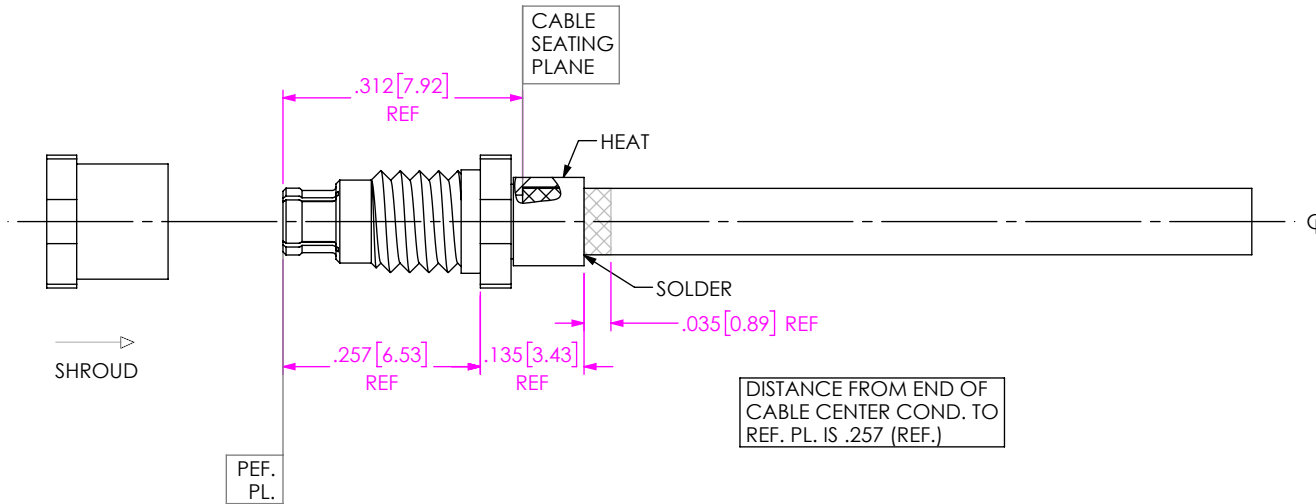
DWG. NO.
PRFM0-J-C-EE-085-BD

BY: EVE L   04/12/2019   SHEET 1 OF 2

F:\DWG\MISC\MKTG\PRFM0-J-C-EE-085-BD-MKT.SLDDRW

CABLE APPLICATION VIEWS

.055±.010[1.40±0.25]

BRAID

HARBOUR SS405

60°±5°

.115±.025[2.92±0.64]
(PRE-TIN)

Ø.0865[2.20] REF

Ø.0201[0.51]
REF

1A. TRIM CABLE JACKET, BRAID, AND DIELECTRIC AND POINT CENTER
   CONDUCTOR AS SHOWN. (DO NOT NICK CENTER COND.)
1B. PRE-TIN EXPOSED BRAID.

IN-PROCESS VIEW1

CABLE
SEATING
PLANE

.312[7.92]
REF

HEAT

SHROUD

.257[6.53]
REF

.135[3.43]
REF

.035[0.89] REF

SOLDER

DISTANCE FROM END OF
CABLE CENTER COND. TO
REF. PL. IS .257 (REF.)

PEF.
PL.

2A. HEAT CONNECTOR BACK END AND INSERT CABLE INTO
   CONNECTOR UNTIL SEATED. FEED ADDITIONAL SOLDER
   WHERE SHOWN IF NECESSARY.

IN-PROCESS VIEW 2

samtec

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e-Mail info@SAMTEC.com   code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:
SMP SOCKET, BULKHEAD. DIRECT SOLDER FOR HARBOUR SS405

DWG. NO.
PRFM0-J-C-EE-085-BD

BY: EVE L   04/12/2019   SHEET 2 OF 2

F:\DWG\MISC\MKTG\PRFM0-J-C-EE-085-BD-MKT.SLDDRW