

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

DO NOT
SCALE FROM
THIS PRINT

PRF01-P-C-EP-141A-RS

SERIES
-01: SMA

GENDER
-P: PLUG

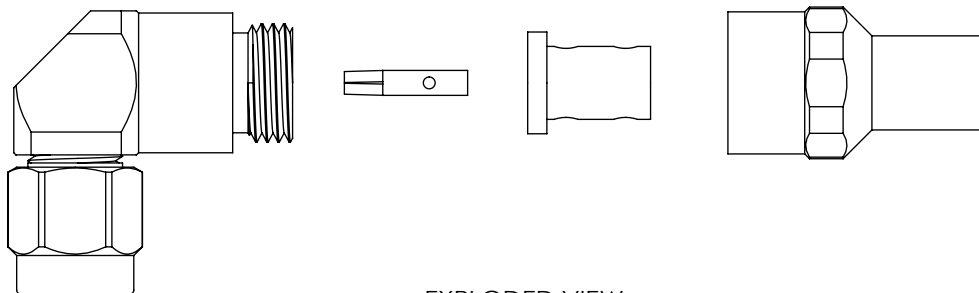
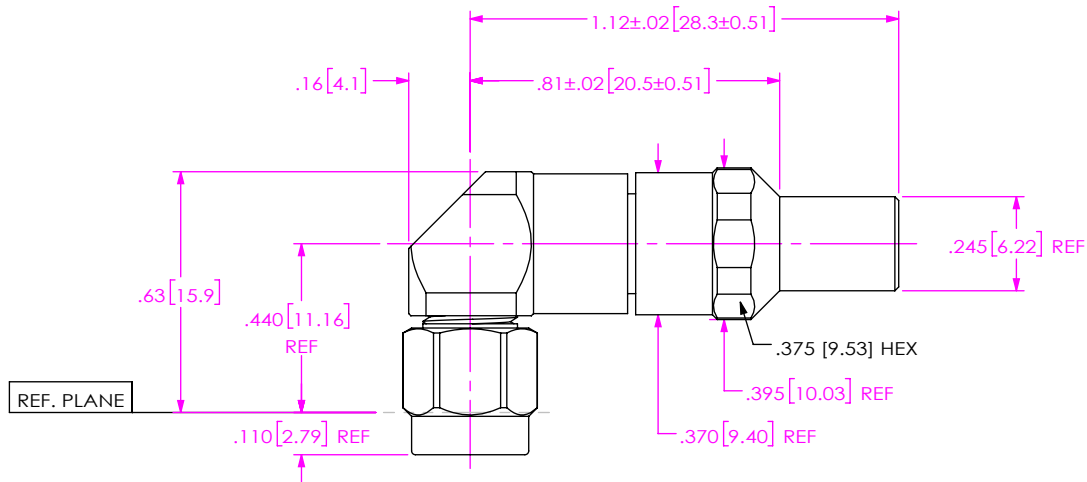
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-141A: HARBOUR SS402

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
MITER BODY, FORWARD BODY, COUPLING NUT & CLAMP NUT: 303 STAINLESS STEEL.
CONTACT & REAR CONTACT: BeCu C17300.
LOCK RING: BeCu C17200.
FORWARD INSULATOR & REAR INSULATOR: TEFLON.
GASKET: SILICONE RUBBER.
SOLDER FERRULE: BRASS ALLOY 360.
- FINISH:
MITER BODY, FORWARD BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.
REAR CONTACT, CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3819.

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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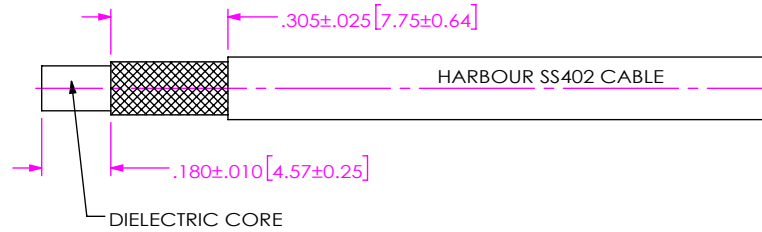
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: SMA RT. ANGLE PLUG, SOLDER CLAMP FOR HARBOUR SS402 CABLE

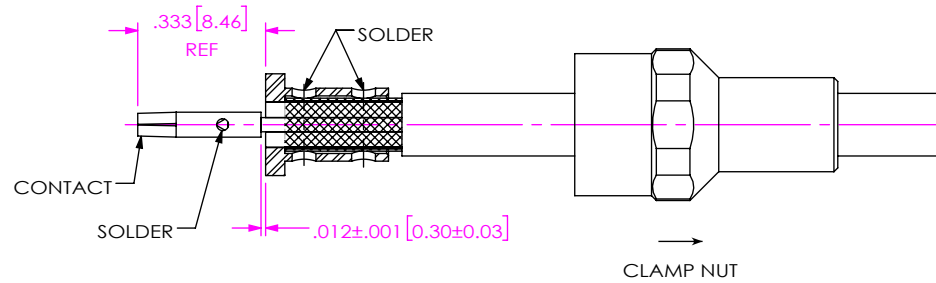
DWG. NO. PRF01-P-C-EP-141A-RS

BY: EVE L 10/14/2020 SHEET 1 OF 2



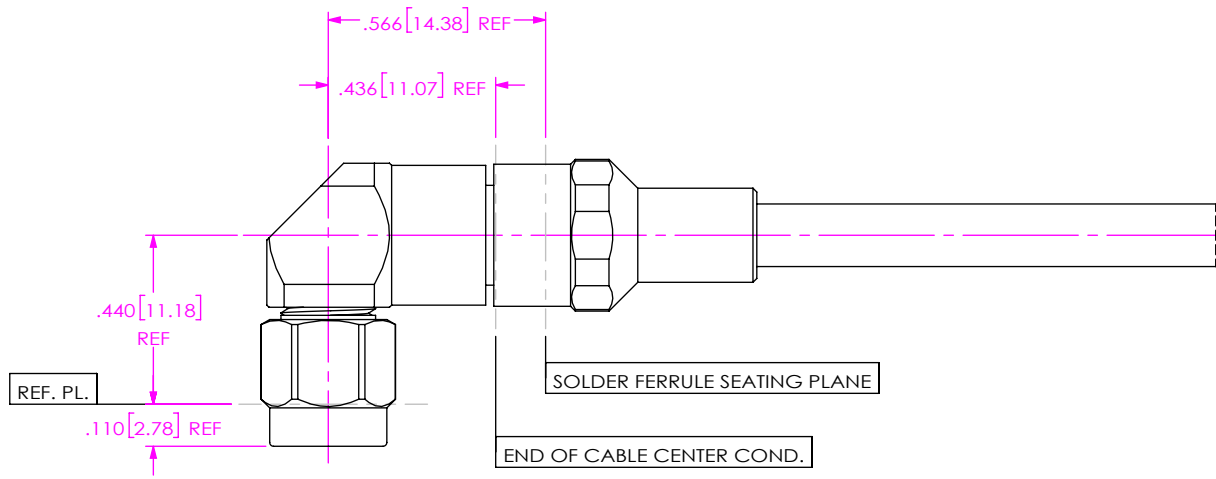
1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND OUTER BRAID AS SHOWN.

IN-PROCESS 1



- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL BRAIDS SEAT IN FERRULE, THEN SOLDER CABLE BRAIDS TO FERRULE WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH SOLDER FERRULE FACE. (DO NOT NICK CABLE CENTER CONDUCTOR).
- 2D. SOLDER CONTACT WITH INDICATED GAP.

IN-PROCESS 2



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

IN-PROCESS 3

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