

DO NOT SCALE FROM THIS PRINT

DESIGNED AND DIMENSIONED IN INCHES[MILLIMETERS]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

PRF01-P-C-EP-142-RS

SERIES
-01: SMA

GENDER
-P: PLUG

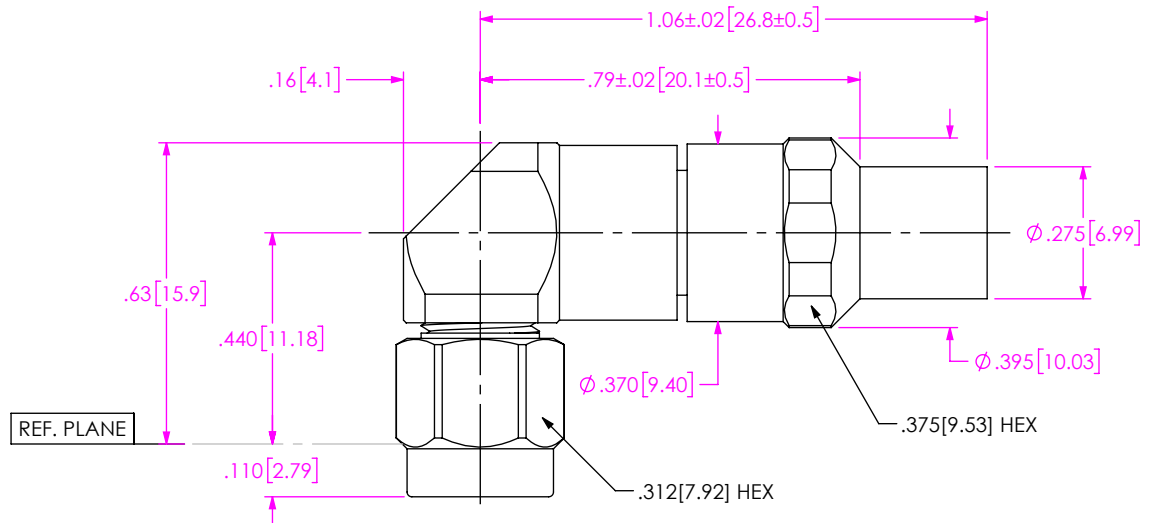
TYPE
-C: CABLE

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

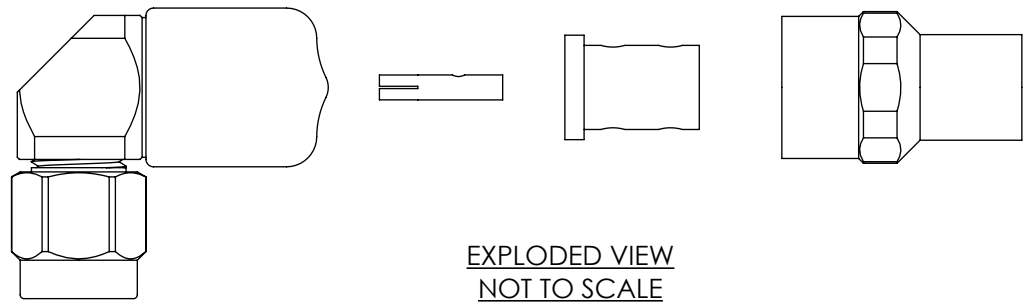
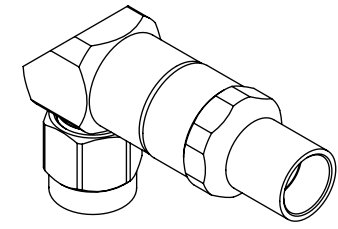
TERMINATION
S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-142: HARBOUR LL142



NOT SHOWN CAP FOR CLARITY



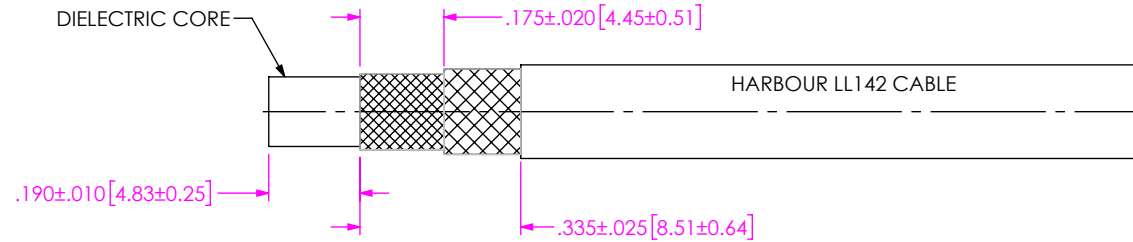
EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODIES, COUPLING NUT, CLAMP NUT: STAINLESS STEEL
CONTACTS, LOCK RING: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
INSULATORS: PTFE
GASKET: SILICONE RUBBER
- FINISH:
BODIES, COUPLING NUT, CLAMP NUT: PASSIVATED
CONTACT: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
SOLDER FERRULE: 10µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
- PERFORMANCE:
IMPEDANCE: 50 Ω
FREQUENCY: DC TO 18 GHz
VSWR: 1.14:1 MAXIMUM
INSERTION LOSS: 0.05 x √f(GHz)
DWV: 1300 Vrms
- PCI P/N: 3283.

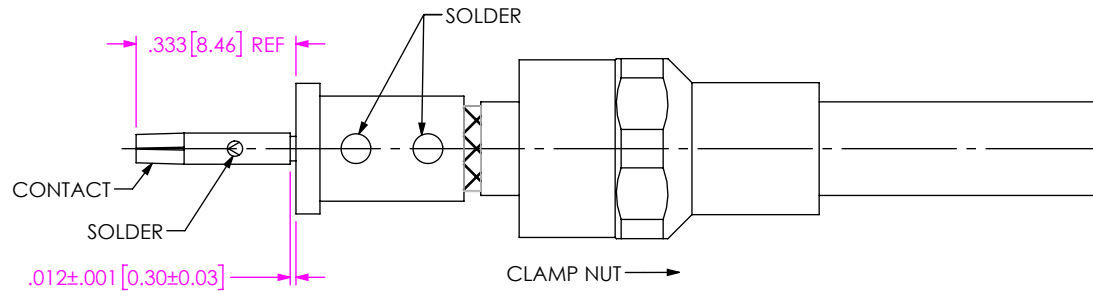
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	<p>DWG. NO. PRF01-P-C-EP-142-RS</p>
<p>DO NOT SCALE DRAWING SHEET SCALE: 2.5:1</p>	<p>BY: EVE L 05/09/2019 SHEET 1 OF 3</p>

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



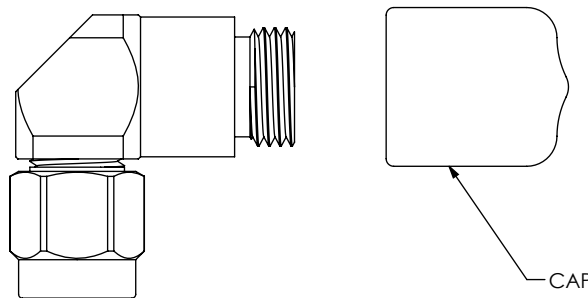
IN-PROCESS VIEW 1

2A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS IN FERRULE. THEN SOLDER CABLE BRAIDS TO FERRULE WHERE SHOWN.
 2C. TRIM CABLE DIELECTRIC FLUSH WITH SOLDER FERRULE FACE. (DO NOT NICK CABLE CENTER CONDCUTOR)
 2D. SOLDER CONTACT WITH INDICATED GAP.



IN-PROCESS VIEW 2

3A. REMOVE & DISCARD CAP.



IN-PROCESS VIEW 3

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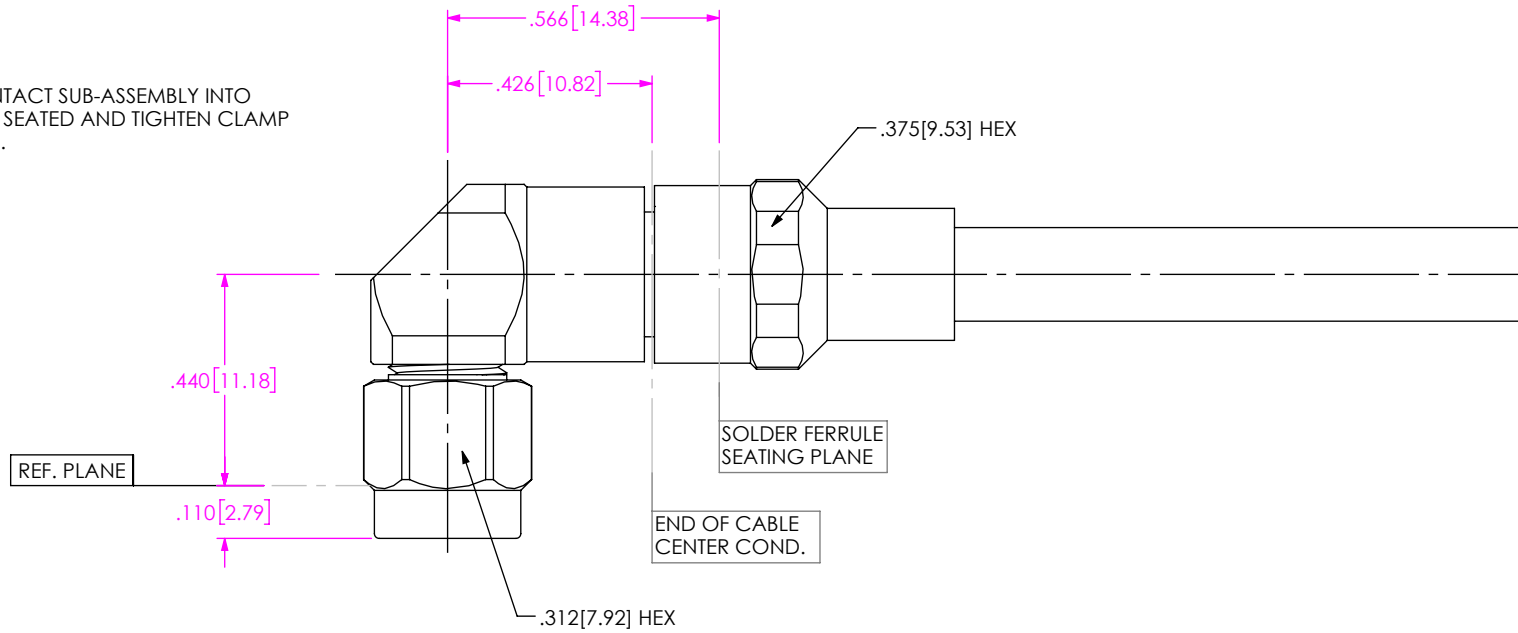
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CABLE APPLICATION VIEWS

4A. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.



IN-PROCESS VIEW 4

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