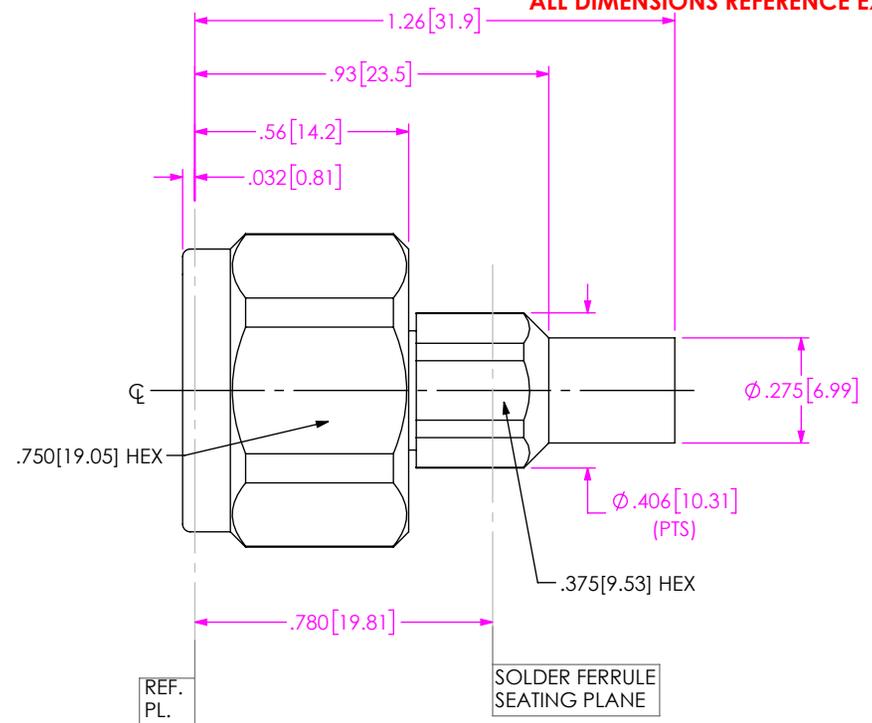


DO NOT SCALE FROM THIS PRINT

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



PRF06-P-C-EP-142-SS

SERIES
-06: N TYPE

GENDER
-P: PLUG

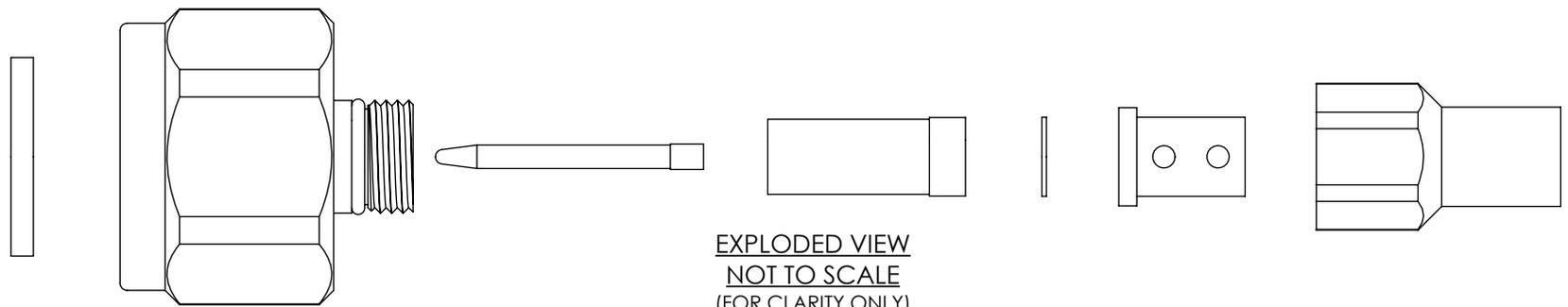
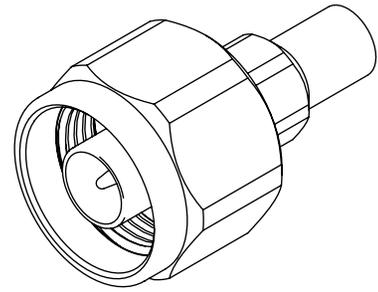
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-142: HARBOUR LL142

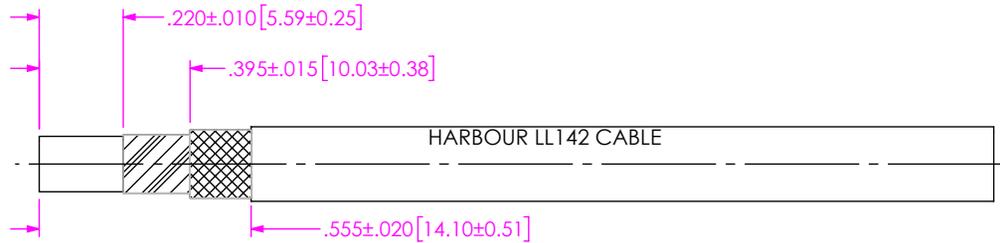
FINISH
-EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

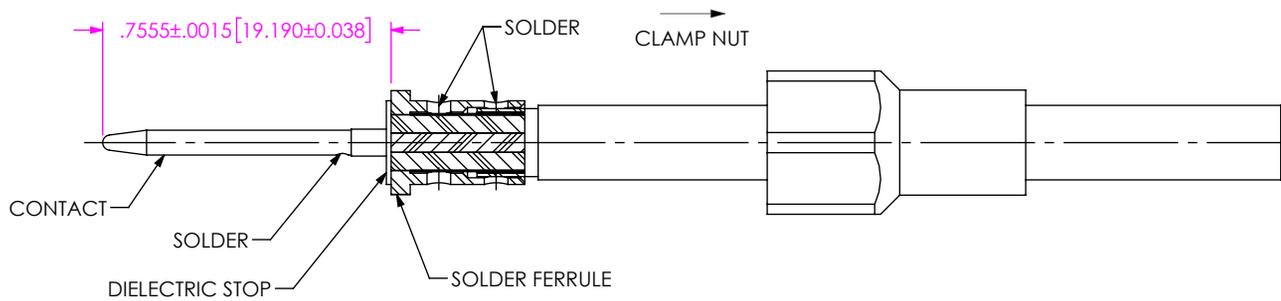
- NOTES:
- MATERIAL:**
BODY, BUSHING, CLAMP NUT: STAINLESS STEEL
CONTACT: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
INSULATORS: PTFE
GASKET, O-RING: SILICONE RUBBER
 - FINISH:**
BODY, BUSHING, CLAMP NUT: PASSIVATED
CONTACT: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
SOLDER FERRULE: 10µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
 - PERFORMANCE:**
IMPEDANCE: 50 Ω
FREQUENCY: DC TO 18 GHz
VSWR: 1.16:1 MAXIMUM
INSERTION LOSS: 0.04 X √f(GHz)
DWV: 2500 Vrms
 - PCI P/N: 3177

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	<p>DO NOT SCALE DRAWING SHEET SCALE: 2:1</p>	<p>DESCRIPTION: N PLUG(18GHZ), SOLDER CLAMP FOR HARBOUR LL142 CABLE</p>
<p>DWG. NO. PRF06-P-C-EP-142-SS</p>		<p>BY: JESUS M 3/22/2019 SHEET 1 OF 3</p>



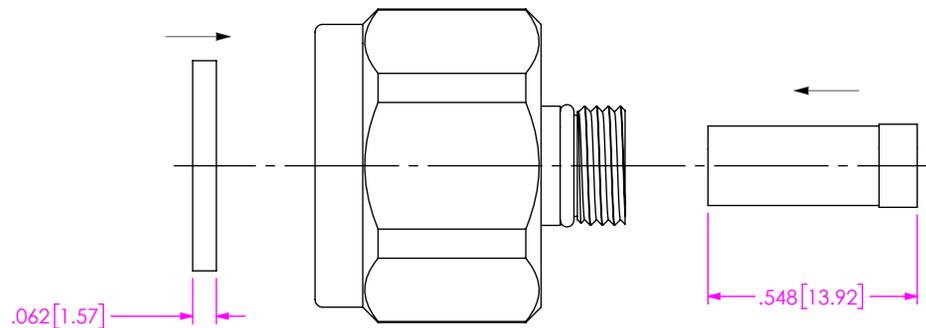
1. TRIM CABLE AS SHOWN

IN-PROCESS VIEW 1



- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE AS SHOWN THEN SOLDER BRAIDS TO FERRULE WHERE INDICATED.
- 2C. TRIM EXPOSED CABLE DIELECTRIC FLUSH WITH SOLDER FERRULE FACE.
- 2D. SLIDE DIELECTRIC STOP CABLE CENTER CONDUCTORS AGAINST FERRULE FACE AND SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN

IN-PROCESS VIEW 2



3A. INSTALL INSULATOR & GASKET INTO SUB ASSEMBLY

IN-PROCESS VIEW 3

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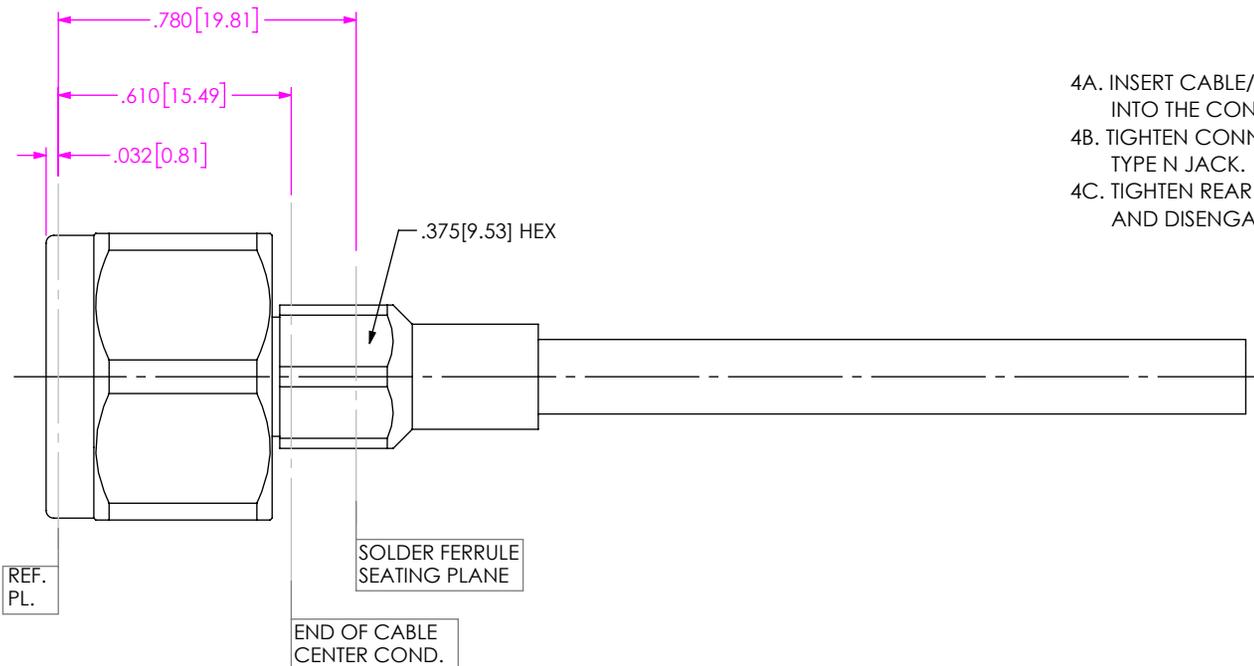
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SHEET SCALE: 2:1

DESCRIPTION: N PLUG (18GHZ). SOLDER CLAMP FOR HARBOUR LL142 CABLE

DWG. NO. PRF06-P-C-EP-142-SS

BY: JESUS M 3/22/2019 SHEET 2 OF 3



- 4A. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO THE CONNNECTOR UNTIL SEATED.
- 4B. TIGHTEN CONNECTOR COUPLING NUT TO MATING TYPE N JACK.
- 4C. TIGHTEN REAR CLAMP NUT TO 30-40 IN-LBS AND DISENGAGE MAIN INTERFACE FROM JACK.

IN-PROCESS VIEW 4

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