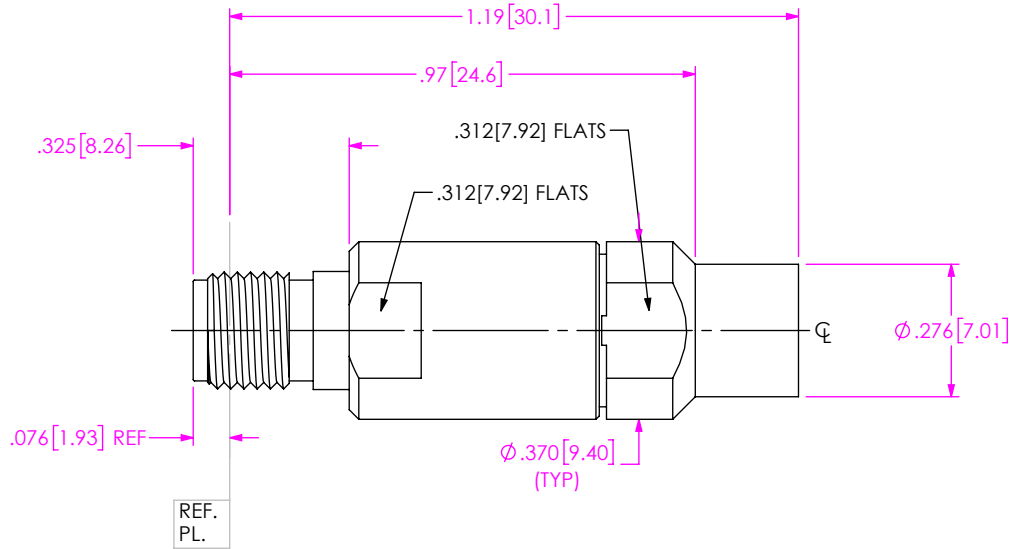


DESIGNED & DIMENSIONED  
IN INCHES[MILLIMETERS]

DO NOT  
SCALE FROM  
THIS PRINT



PRF01-J-C-EP-142-SS

SERIES  
-01: SMA

GENDER  
-J: JACK

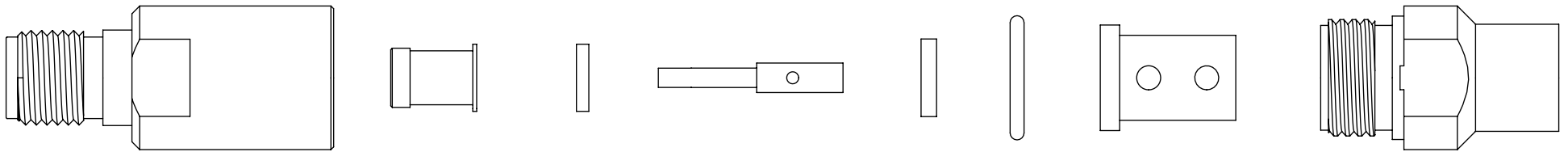
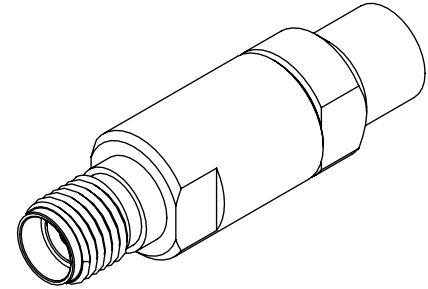
TYPE  
-C: CABLE

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

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-S: STRAIGHT

CABLE TYPE  
-142: HARBOUR LL142



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

NOTES:

1. MATERIAL:

BODY, CLAMP NUT: STAINLESS STEEL  
CONTACT: BERYLLIUM COPPER  
SOLDER FERRULE: BRASS ALLOY  
INSULATOR: PTFE  
BEADS: PEI  
O-RING: SILICONE RUBBER

2. FINISH:

BODY, CLAMP NUT: PASSIVATED  
CONTACT, SOLDER FERRULE: 50μ" MIN. GOLD OVER 50μ" MIN. NICKEL PLATE

3. PCI P/N: 3294

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

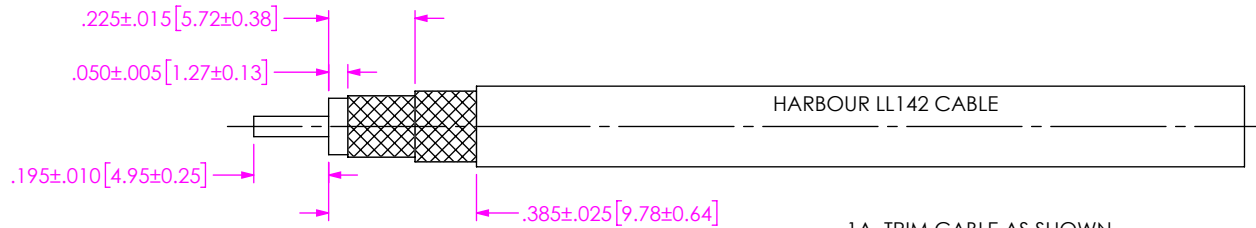
SHEET SCALE: 2.5:1

DESCRIPTION: SMA JACK, SOLDER CLAMP FOR  
HARBOUR LL142 CABLE

DWG. NO. PRF01-J-C-EP-142-SS

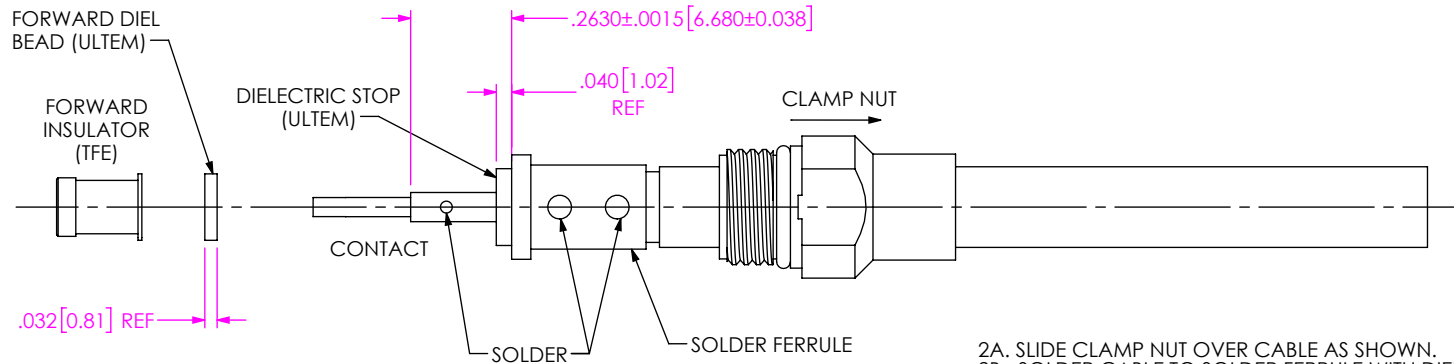
BY: EVE L 04/29/2019 SHEET 1 OF 2

# CABLE APPLICATION VIEWS



IN-PROCESS VIEW 1

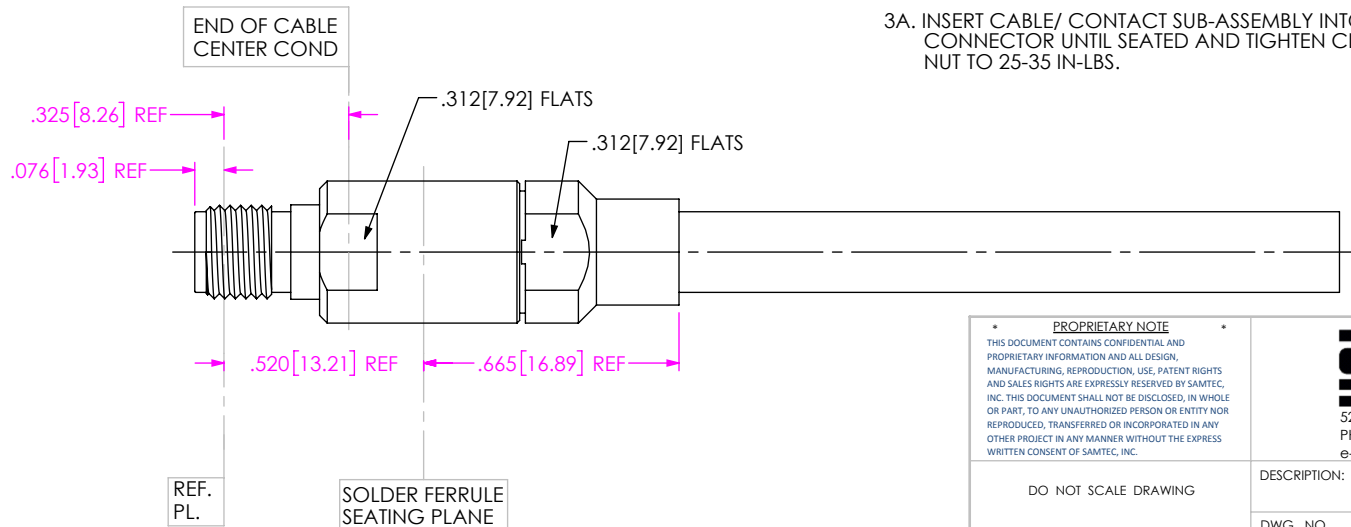
1A. TRIM CABLE AS SHOWN.



- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. SOLDER CABLE TO SOLDER FERRULE WITH DIELECTRIC FLUSH WITH FACE OF FERRULE.
- 2C. SLIDE DIELECTRIC STOP (Ø .200 OD) OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.
- 2D. SLIDE FORWARD INSULATOR & DIELECTRIC BEAD (Ø .173 OD) ONTO CONTACT.

IN-PROCESS VIEW 2

DISTANCE FROM END OF CABLE CENTER COND. TO REF. PL. IS .325 (REF)



- 3A. INSERT CABLE/ CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN.-LBS.

IN-PROCESS VIEW 3

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SHEET SCALE: 2:1

DESCRIPTION: SMA JACK, SOLDER CLAMP FOR HARBOUR LL142 CABLE

DWG. NO. PRF01-J-C-EP-142-SS

BY: EVE L 04/29/2019 SHEET 2 OF 2