REVISION A

DO NOT SCALE FROM THIS PRINT

PRF92-P-C-EE-085A-SD

SERIES
-92: 2.92mm

GENDER
-P: PLUG

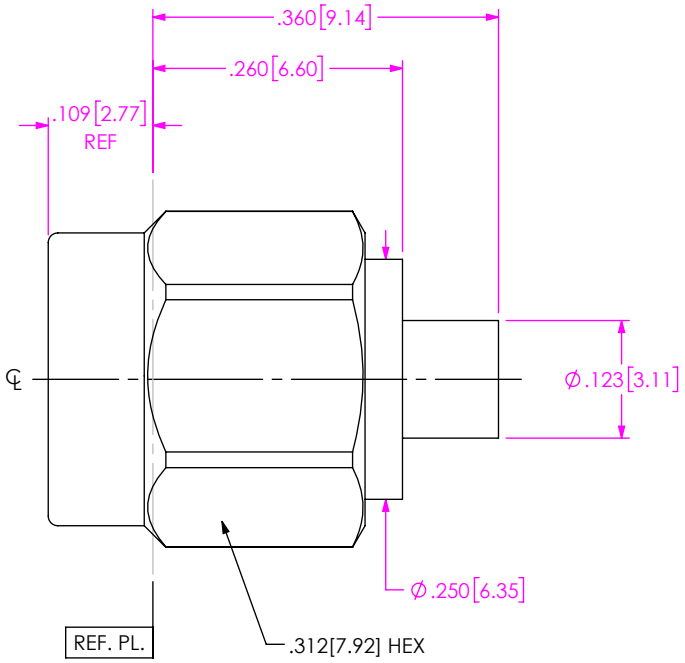
TYPE
-C: CABLE

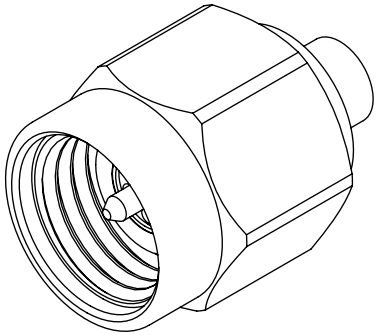
FINISH
-EE: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, 50M" EXTRA HEAVY GOLD OUTER CONTACT

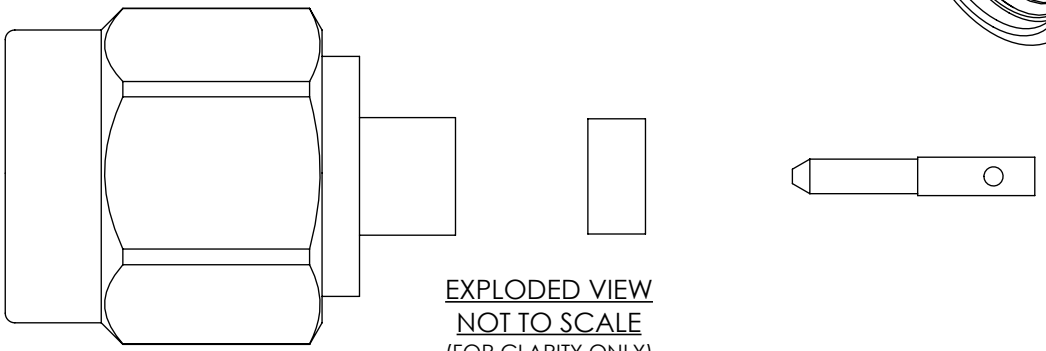
TERMINATION
-D: DIRECT SOLDER

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-085A: .085" SEMI-RIGID CABLE







EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

1. MATERIAL:
   CLAMP NUT: STAINLESS STEEL
   BODY, CONTACT, LOCK RING: BERYLLIUM COPPER
   BEAD: PPE
   GASKET: SILICONE RUBBER

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

3. PCI P/N: 3147

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.02[0.5] 1 °
.XXX: ±.005[0.13]
.XXXX: ±.0005[0.013]

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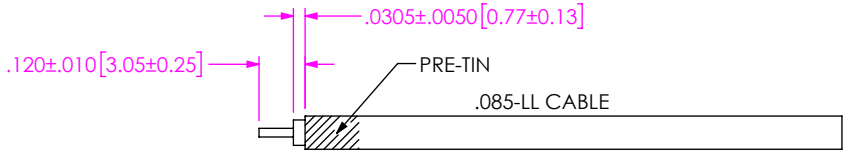
DESCRIPTION: 2.92 PLUG TO .085 LOW LOSS

DWG. NO. PRF92-P-C-EE-085A-SD

BY: JERRY SU 05/18/2019 SHEET 1 OF 4

REVISION A

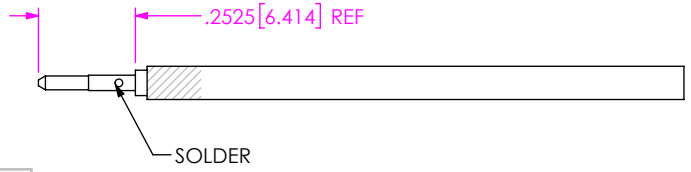
CABLE APPLICATION VIEWS



1A. TRIM CABLE JACKET & DIELECTRIC TO EXPOSE CENTER CONDUCTOR AS SHOWN. (DO NOT NICK CENTER CONDUCTOR).

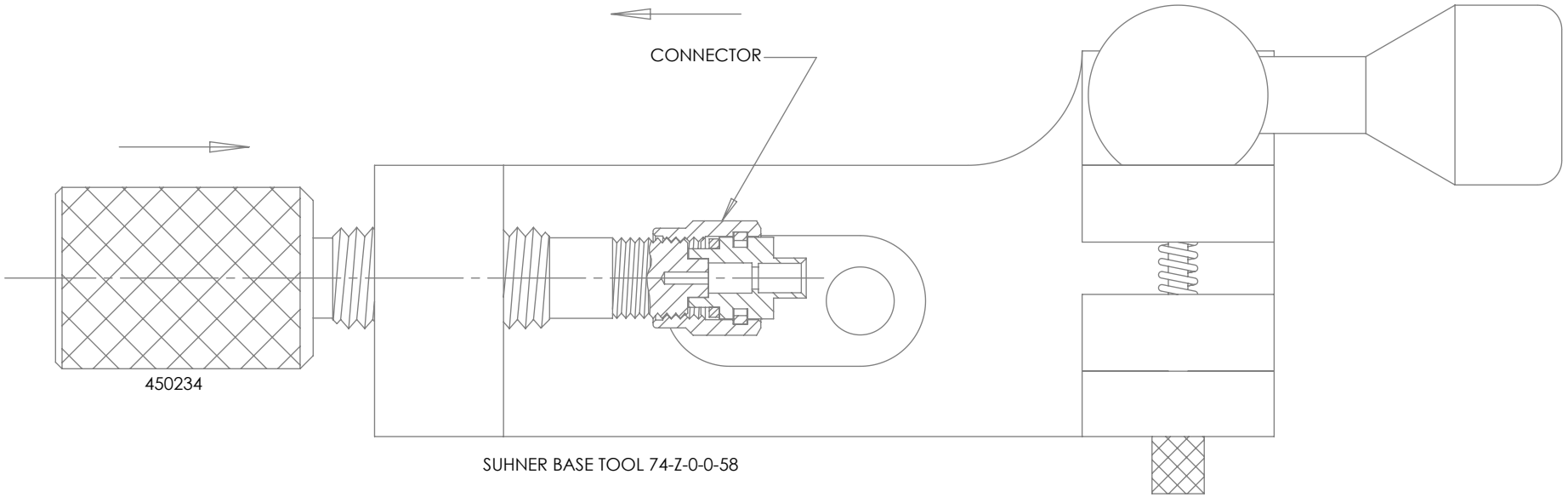
1B. PRE-TIN CABLE JACKET TO THE APPROXIMATE LENGTH SHOWN.

IN-PROCESS VIEW 1



2. PRE-TIN CABLE CENTER CONDUCTOR AND SOLDER ON CONTACT WITH GAP SHOWN.

IN-PROCESS VIEW 2



3. THREAD PCI ASSEMBLY TOOL 450234 INTO SUHNER BASE. THEN THREAD CONNECTOR BODY ONTO PCI TOOL UNTIL SEATED.

IN-PROCESS VIEW 3

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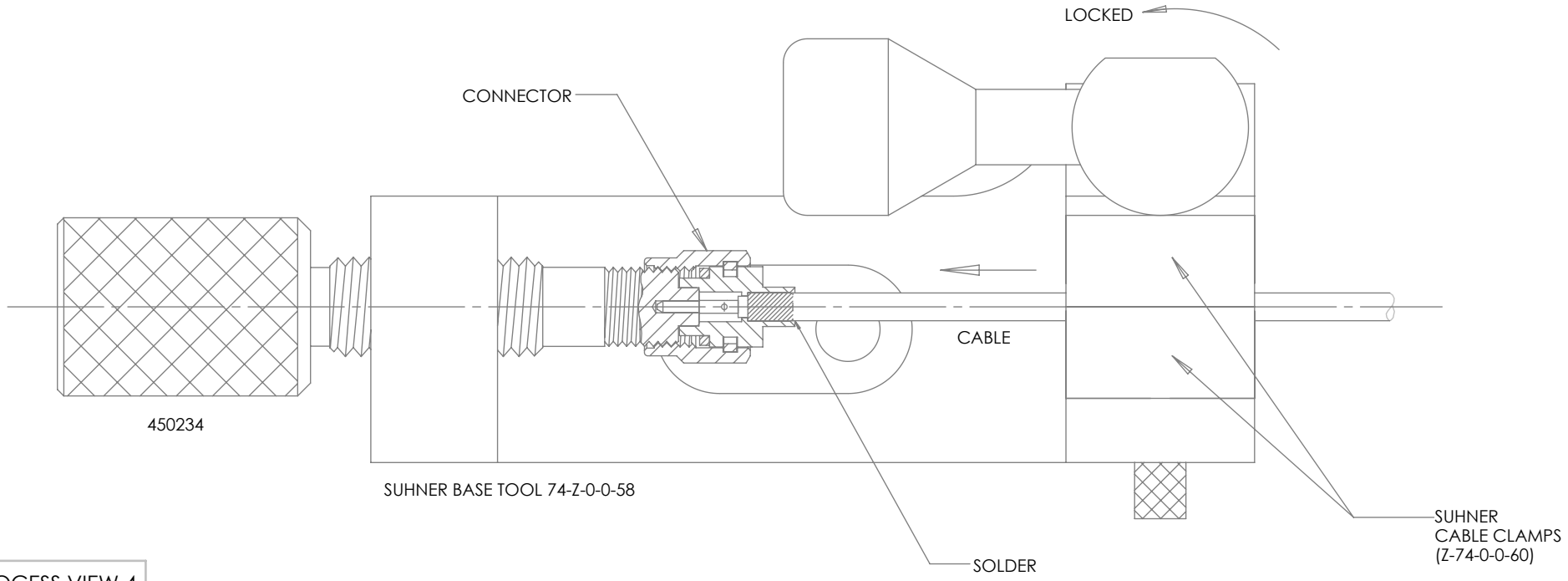
REVISION A

CABLE APPLICATION VIEWS

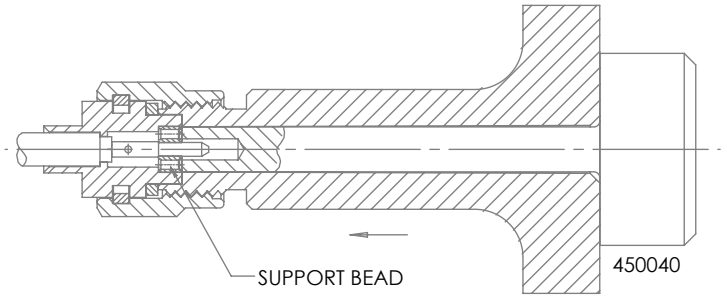
4A. SLIDE PREPARED CABLE THROUGH CABLE CLAMP BLOCKS AND INSERT CABLE INTO CONNECTOR BACK END UNTIL FULLY SEATED. THEN LOCK CABLE IN PLACE BY ROTATING LEVER ARM.

4B. HEAT CONNECTOR BODY BACK END AND REFLOW SOLDER CABLE TO CONNECTOR.

4C. FLOW ADDITIONAL SOLDER AT REAR OF BODY WHERE INDICATED IF NECESSARY.



IN-PROCESS VIEW 4



5. REMOVE CONNECTOR FROM SUHNER BASE TOOL AND INSTALL DIELECTRIC SUPPORT BEAD USING PCI TOOL SET 450040.

IN-PROCESS VIEW 5

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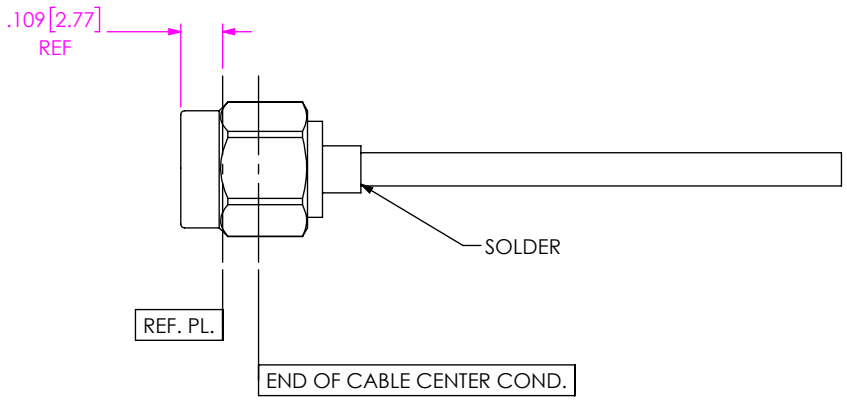
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REVISION A

CABLE APPLICATION VIEWS



6. INSPECT INTERFACE INSULATOR RECESSION USING THE APPROPRIATE GAGES. SUPPORT BEAD INNER AND OUTER SURFACES TO BE SUB-FLUSH WITH BODY REFERENCE PLANE.

IN-PROCESS VIEW 6

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