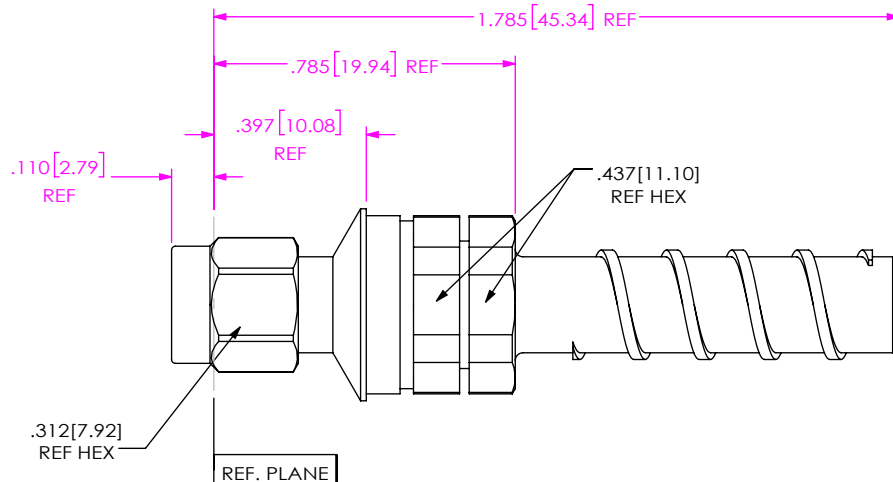


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]



PRF92-P-C-EP-140C-SS

SERIES
-92: 2.92MM

GENDER
-P: PLUG

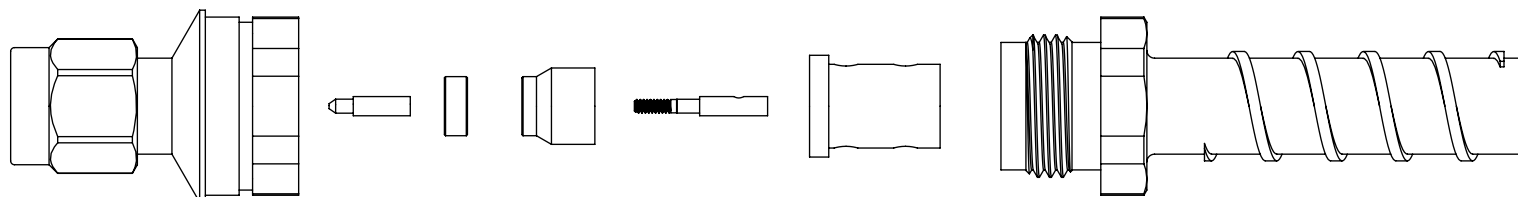
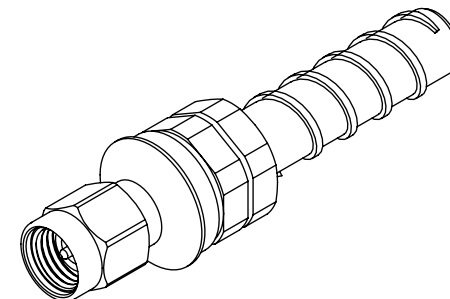
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-140C: TIMES 510-0064

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODY, BUSHING, COUPLING & CLAMP NUTS: STAINLESS STEEL.
CONTACTS & LOCK RING: BERYLLIUM COPPER.
GASKET: SILICONE RUBBER.
INSULATORS: ULTEM.
- FINISH:
BODY, BUSHING, COUPLING CLAMP NUTS: PASSIVATED.
CONTACTS: GOLD OVER NICKEL PLATE,
50 µ" MIN GOLD OVER 50 µ" MIN NICKEL.
- PCI P/N: 3850.

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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e-Mail: info@SAMTEC.com code 55322

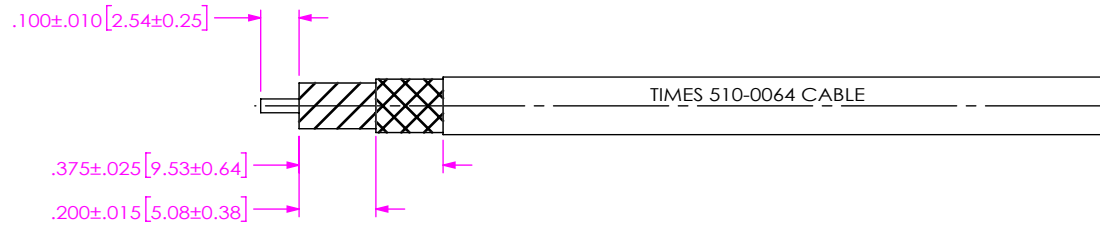
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR TIMES 510-0064 CABLE

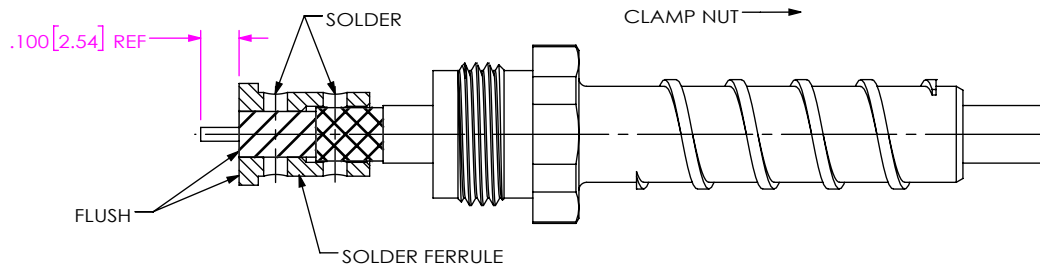
DWG. NO. PRF92-P-C-EP-140C-SS

BY: HENSON T 08/31/2020 SHEET 1 OF 3



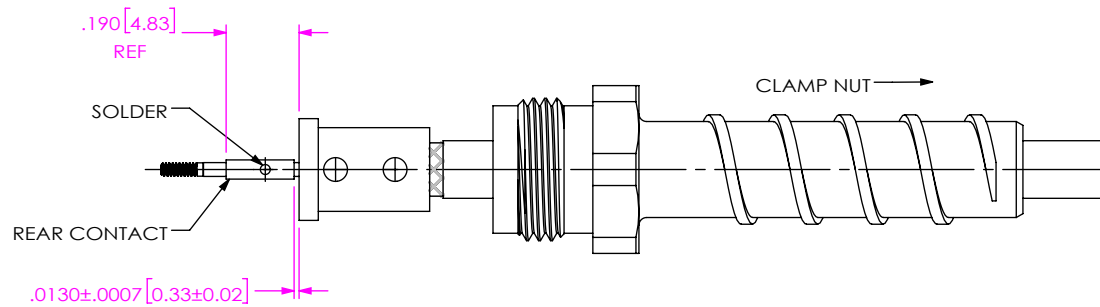
1. TRIM CABLE TO EXPOSE BRAID, FOIL AND CENTER CONDUCTOR AS SHOWN.

IN-PROCESS 1




- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO FERRULE UNTIL FLUSH WITH FACE INDICATED AND SOLDER TO CABLE BRAID AND FOIL WHERE INDICATED.

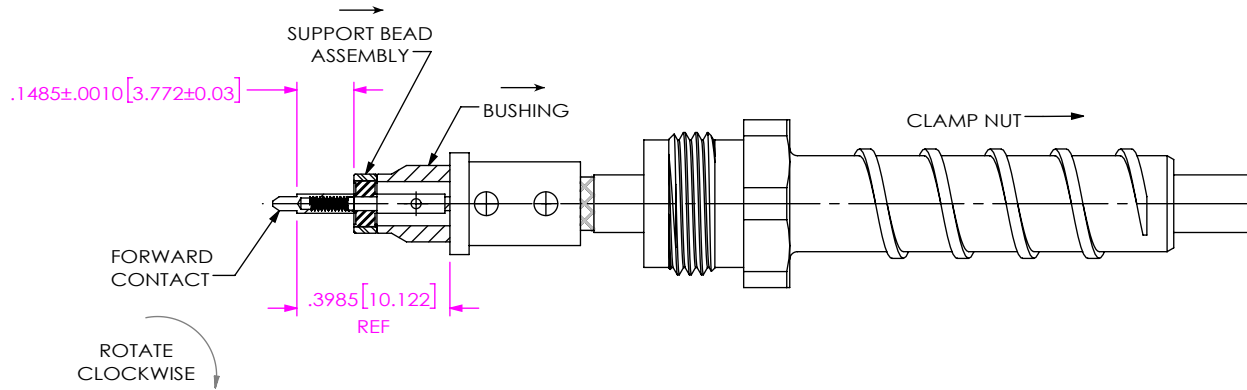
IN-PROCESS 2



3. PRE-TIN EXPOSED CABLE CENTER CONDUCTOR AND SOLDER REAR CONTACT WHERE SHOWN WITH GAP INDICATED.

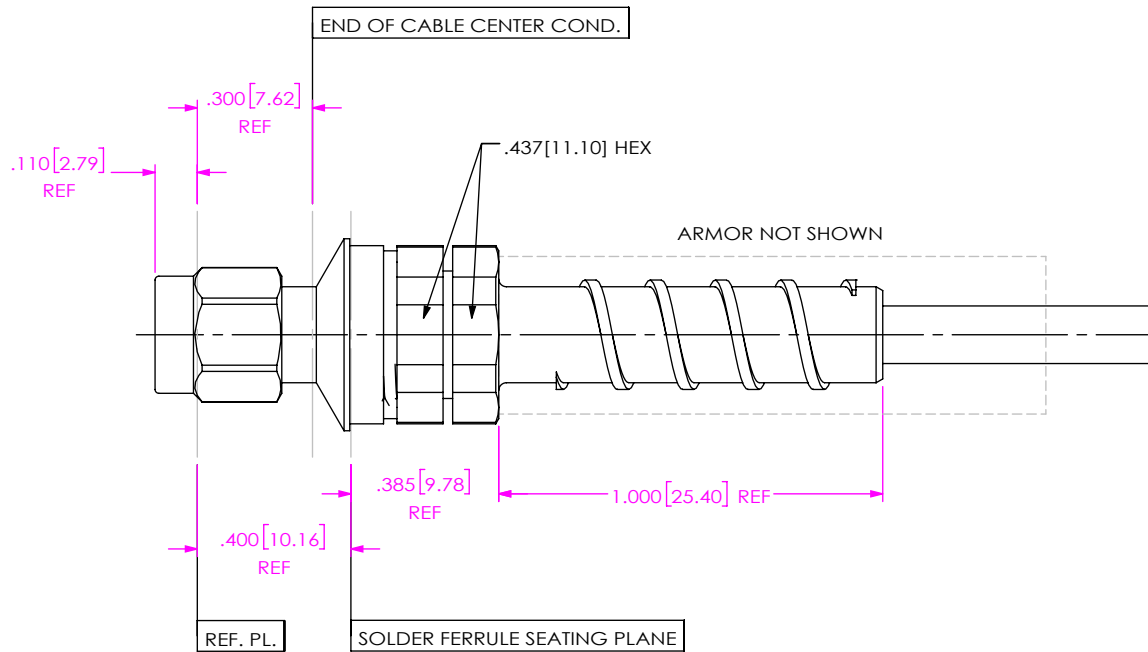
IN-PROCESS 3

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<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 2:1</p>	<p>DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR TIMES 510-0064 CABLE</p>
	<p>DWG. NO. PRF92-P-C-EP-140C-SS</p> <p>BY: HENSON T 08/31/2020 SHEET 2 OF 3</p>



- 4A. INSERT BUSHING AGAINST FERRULE FACE IN ORIENTATION SHOWN.
- 4B. INSTALL SUPPORT BEAD ASSEMBLY ONTO REAR CONTACT STUD AGAINST FACE OF BUSHING AS SHOWN.
- 4C. APPLY CONDUCTIVE EPOXY TO REAR CONTACT EXTERNAL THREADS AND THREAD ON FWD CONTACT UNTIL FIRMLY SEATED AGAINST SUPPORT BEAD AND BUSHING IS HELD FIRMLY AGAINST FERRULE FACE.

IN-PROCESS 4



- 5A. THREAD CABLE ARMOR ONTO CLAMP NUT UNTIL SEATED.
- 5B. INSERT CABLE, CONTACT & BUSHING SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR TIMES 510-0064 CABLE

DWG. NO. PRF92-P-C-EP-140C-SS

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IN-PROCESS 5