

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF92-P-C-EP-085A-SS

SERIES
92: 2.92mm

GENDER
-P: PLUG

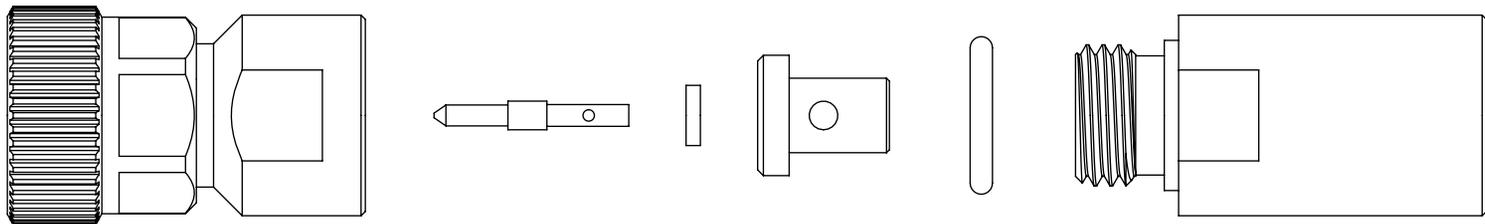
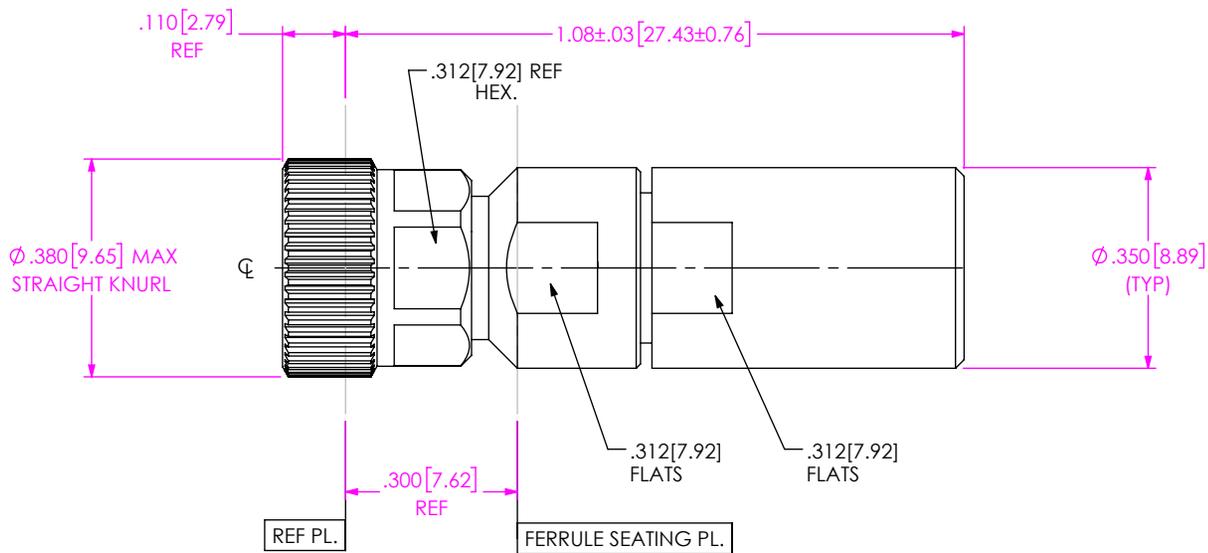
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRIGHT

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

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



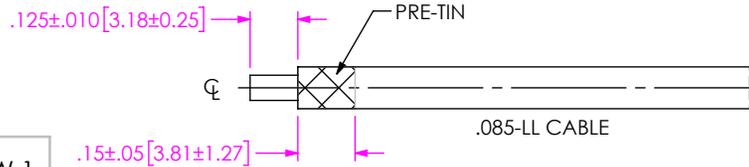
EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIALS:
BODY, COUPLING NUT & CLAMP NUT: STANLESS STEEL
CONTACT & LOCK RING: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
DIELECTRIC STOP: ULTEM
CABLE STOP: NORYL
O-RING & GASKET: SILICONE RUBBER
- FINISH:
BODY, COUPLING & CLAMP NUTS: PASSIVATED.
CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µ" MIN GOLD OVER 50 µIN MIN NICKEL.
- INTERFACE:
TYPE 2.92MM PLUG PER PCI-2.92MM-PIN.
- PCI P/N: 3546.

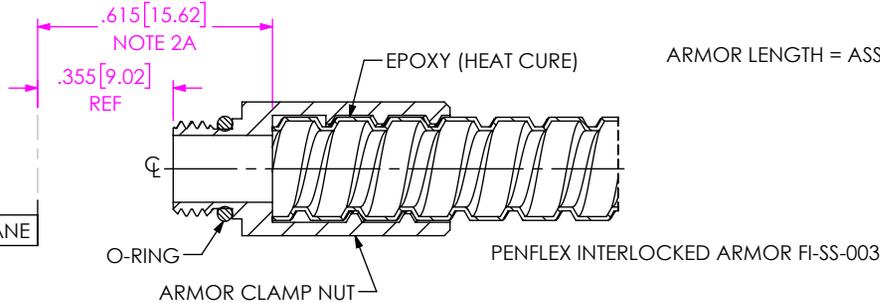
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.02 2° .XXX: ±.005 .XXXX: ±.0005	<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p>	 520 PARK EAST BLVD. NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322		
		DO NOT SCALE DRAWING	SHEET SCALE: 3:1	DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR ARMORED .085-LL SEMI-RIGID CABLE
				DWG. NO. PRF92-P-C-EP-085A-SS
		BY: WILLY Y	3/7/2023 SHEET 1 OF 2	

CABLE APPLICATION VIEWS



IN-PROCESS VIEW 1

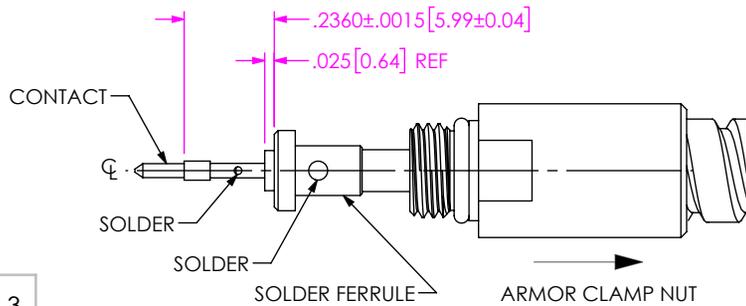
- 1A. TRIM CABLE TO EXPOSE DIELECTRIC CORE AS SHOWN.
- 1B. PRE-TIN OUTER JACKET OVER LENGTH INDICATED.



IN-PROCESS VIEW 2

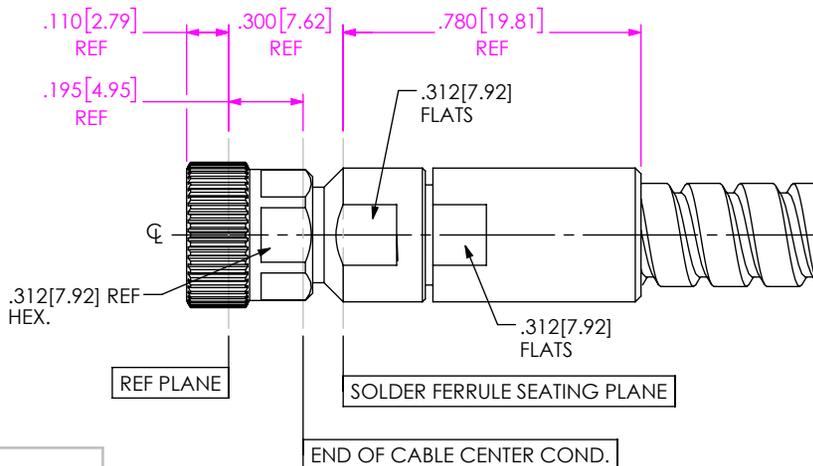
ARMOR LENGTH = ASSEMBLY LENGTH (RP-RP) - 1.230

- 2A. TRIM ARMOR TO LENGTH BASED ON DESIRED REF. PLANE TO REF. PLANE ASSEMBLY LENGTH.
- 2B. SCREW ARMOR CLAMP NUT ONTO ARMOR AND SECURE USING APPROPRIATE EPOXY, CURE EPOXY IN OVER PER MANUFACTURER INSTRUCTIONS.



IN-PROCESS VIEW 3

- 3A. SLIDE ARMOR SUB-ASSEMBLY OVER CABLE AND RETRACT ARMOR CLAMP NUT AS SHOWN.
- 3B. INSERT CABLE INTO SOLDER FERRULE UNTIL JACKET IS FULLY SEATED IN FERRULE, THEN SOLDER CABLE TO FERRULE WHERE SHOWN.
- 3C. TRIM CABLE DIELECTRIC FLUSH TO FERRULE FACE (DO NOT SCORE CENTER CONDUCTOR).
- 3D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.



IN-PROCESS VIEW 4

- 4A. INSERT CABLE SUB-ASSEMBLY INTO CONNECTOR BODY UNTIL SOLDER FERRULE IS SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.

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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR ARMORED .085-LL SEMI-RIGID CABLE

DWG. NO. PRF92-P-C-EP-085A-SS

BY: WILLY Y 3/7/2023 SHEET 2 OF 2