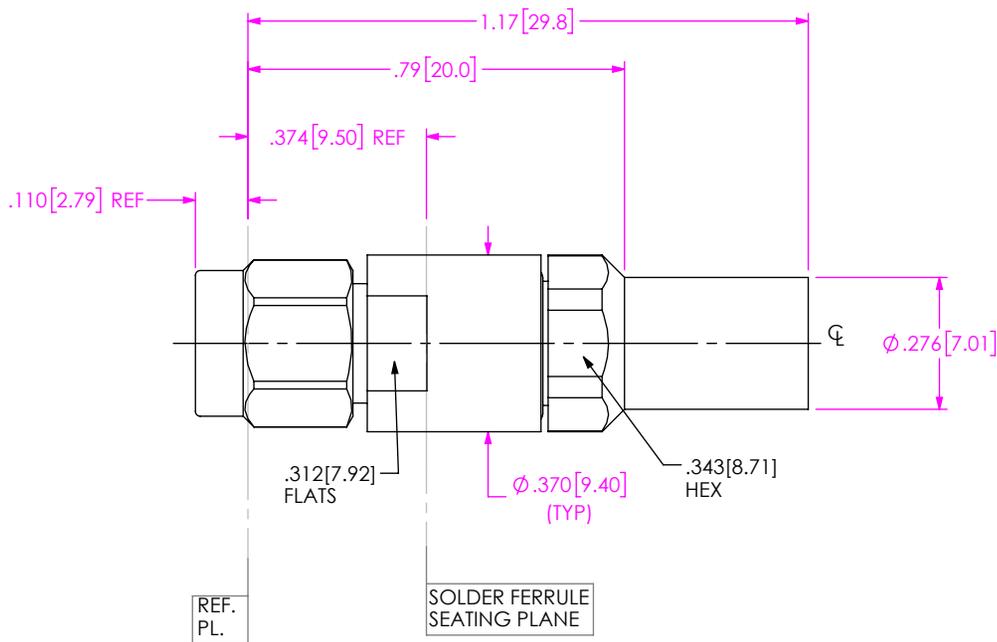


DO NOT SCALE FROM THIS PRINT

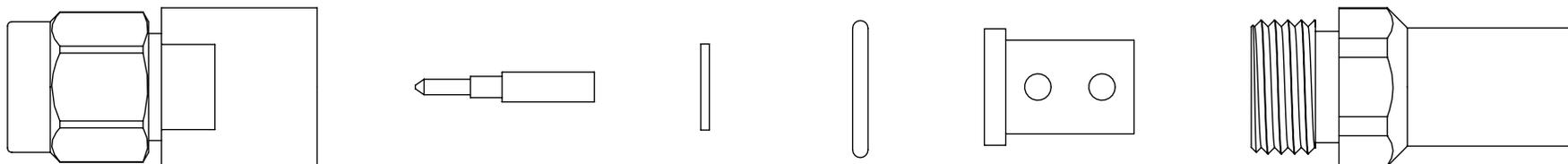
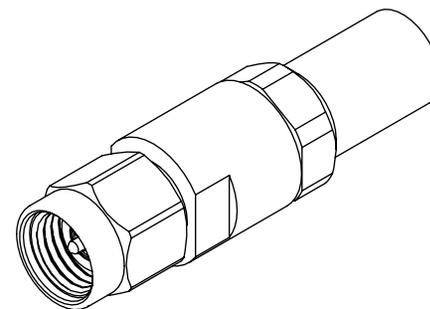
DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]



**PRF92-P-C-EP-142-SS**

SERIES -92: 2.92mm  
 GENDER -P: PLUG  
 TYPE -C: CABLE  
 FINISH -EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT

TERMINATION -S: SOLDER CLAMP  
 ORIENTATION -S: STRAIGHT  
 CABLE TYPE -142: CABLE (HARBOUR LL142)



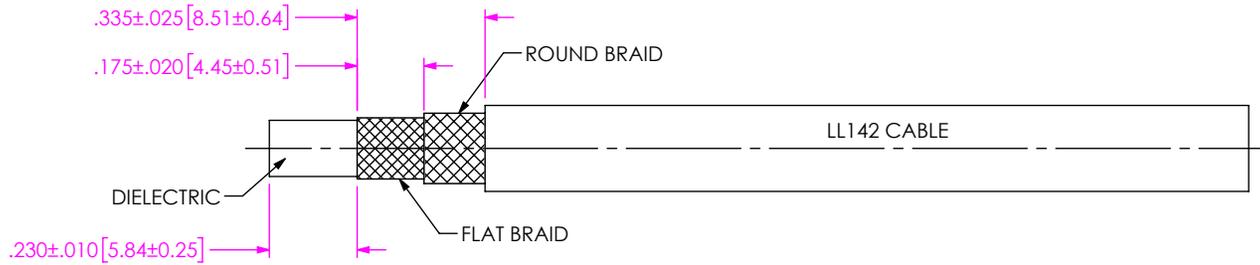
EXPLODED VIEW  
 NOT TO SCALE  
 (FOR CLARITY ONLY)

NOTES:

- MATERIAL:**  
 BODY, COUPLING NUT, CLAMP NUT: STAINLESS STEEL  
 CONTACT, LOCK RING: BERYLLIUM COPPER  
 SOLDER FERRULE: BRASS ALLOY  
 BEAD: PPE  
 DIELECTRIC STOP: PEI  
 GASKET, O-RING: SILICONE RUBBER
- FINISH:**  
 BODY, COUPLING NUT, CLAMP NUT: PASSIVATED  
 CONTACT, SOLDER FERRULE: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
- PERFORMANCE:**  
 IMPEDANCE: 50 Ω  
 FREQUENCY: DC TO 30 GHz  
 VSWR: 1.18: 1 MAXIMUM  
 INSERTION LOSS: 0.03 x √f(GHz)  
 DWV: 1400 Vrms
- PCI P/N: 3156

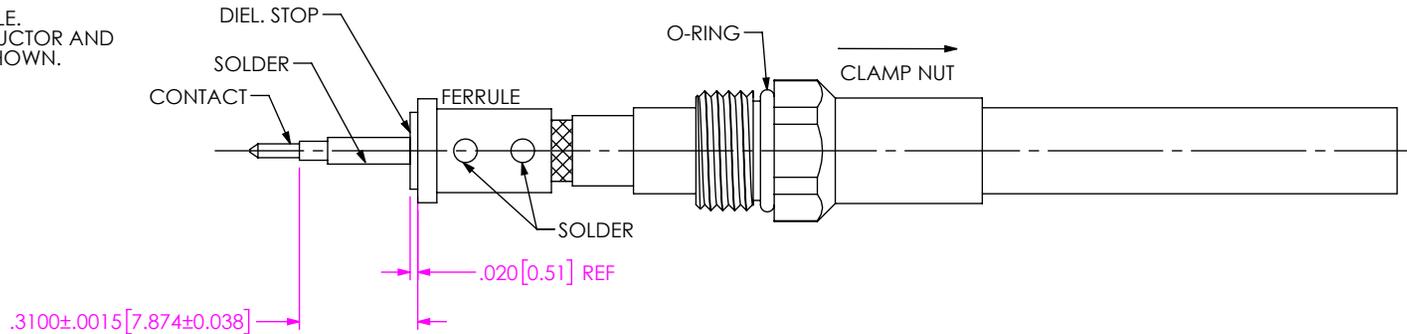
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[0.3] .XXX: ±.005[0.13] .XXXX: ±.0005[0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS 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.	 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: 2.5:1		DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR HARBOUR LL142 CABLE
	DWG. NO. PRF92-P-C-EP-142-SS		BY: EVE L 04/29/2019 SHEET 1 OF 2

1A. TRIM CABLE AS SHOWN.



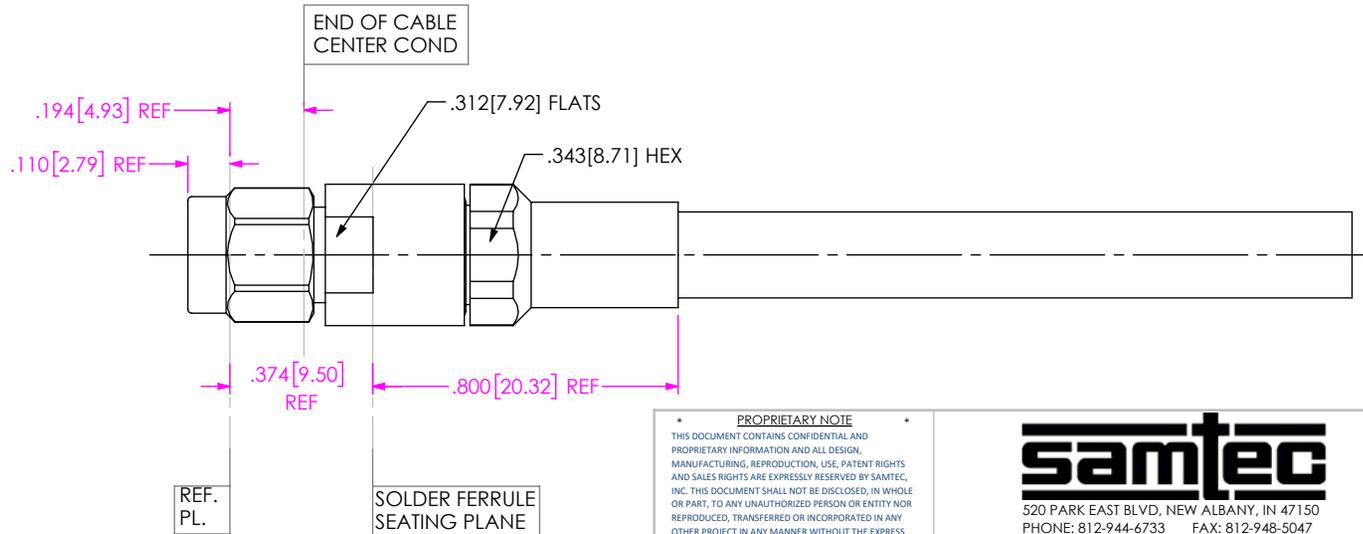
IN-PROCESS VIEW 1

2A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.  
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS AND SOLDER TO BRAIDS WHERE SHOWN.  
 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF FERRULE.  
 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.



IN-PROCESS VIEW 2

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



DISTANCE FROM END OF CABLE CENTER COND. TO REF. PL. IS .194 (REF)

IN-PROCESS VIEW 3

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: 2.92MM PLUG, SOLDER CLAMP FOR HARBOUR LL142 CABLE

DWG. NO. PRF92-P-C-EP-142-SS

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