

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF24-P-C-EP-120A-SS

SERIES
-24: 2.4mm

GENDER
-P: PLUG

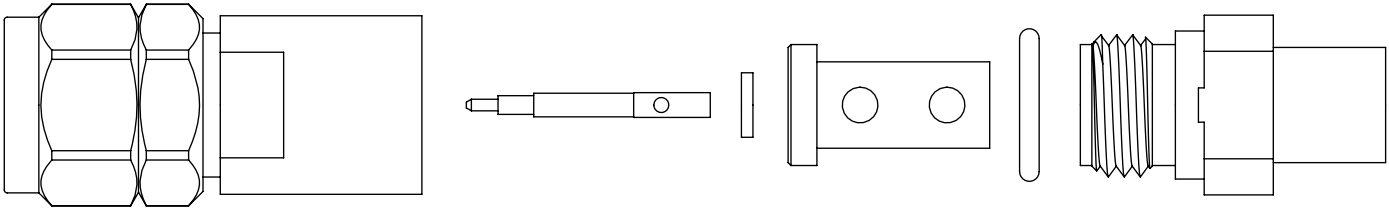
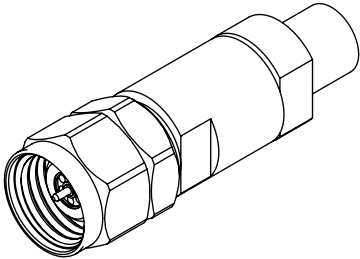
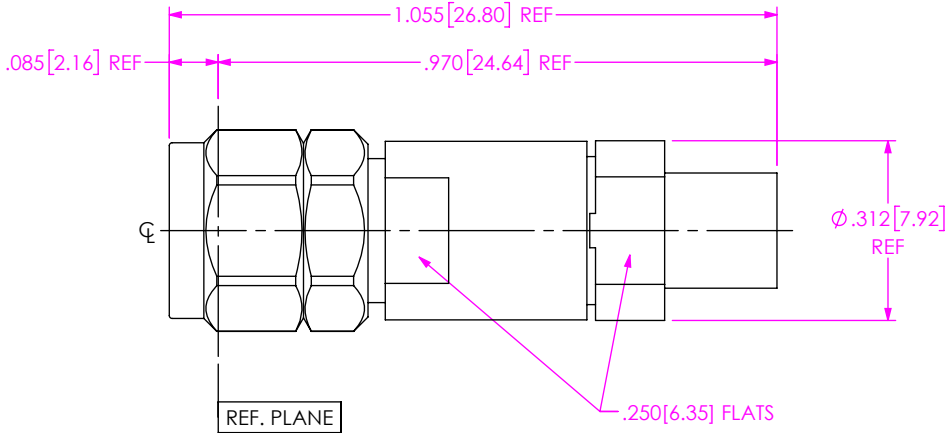
TYPE
-C: CABLE

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT


CABLE TYPE
-120A: SEMFLEX HP120

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

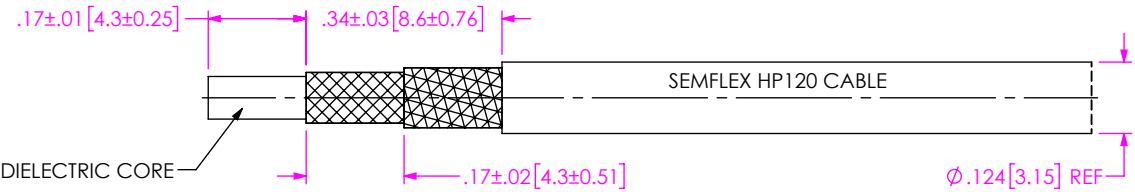


EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

- NOTES:
- MATERIAL:
BODY, COUPLING NUT & CLAMP NUT: STAINLESS STEEL.
PIN & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET & O-RING: SILICONE RUBBER.
DIELECTRIC BEAD: NORYL.
CABLE STOP: ULTEM 1000.
 - FINISH:
BODY, COUPLING NUT & CLAMP NUT: PASSIVATED.
PIN & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
 - PCI P/N: 3320.

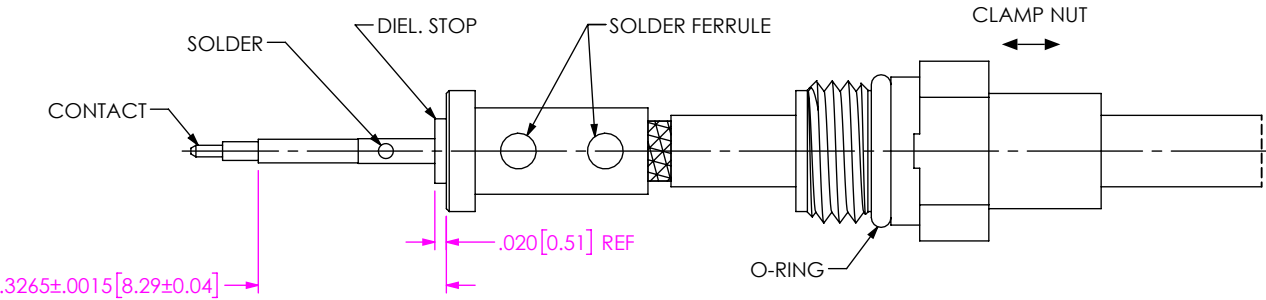
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[0.3] .XXX: ±.005[0.13] .XXXX: ±.0005[0.013]	<div>PROPRIETARY NOTE</div> <div>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS 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.</div>	<div></div> <div>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</div>	
		DO NOT SCALE DRAWING SHEET SCALE: 3:1	
		DESCRIPTION: 2.4mm PLUG, SOLDER CLAMP FOR SEMFLEX HP120 CABLE	
		DWG. NO. PRF24-P-C-EP-120A-SS	
		BY: SAMUEL C 05/23/2019 SHEET 1 OF 2	

1. TRIM CABLE AS SHOWN.



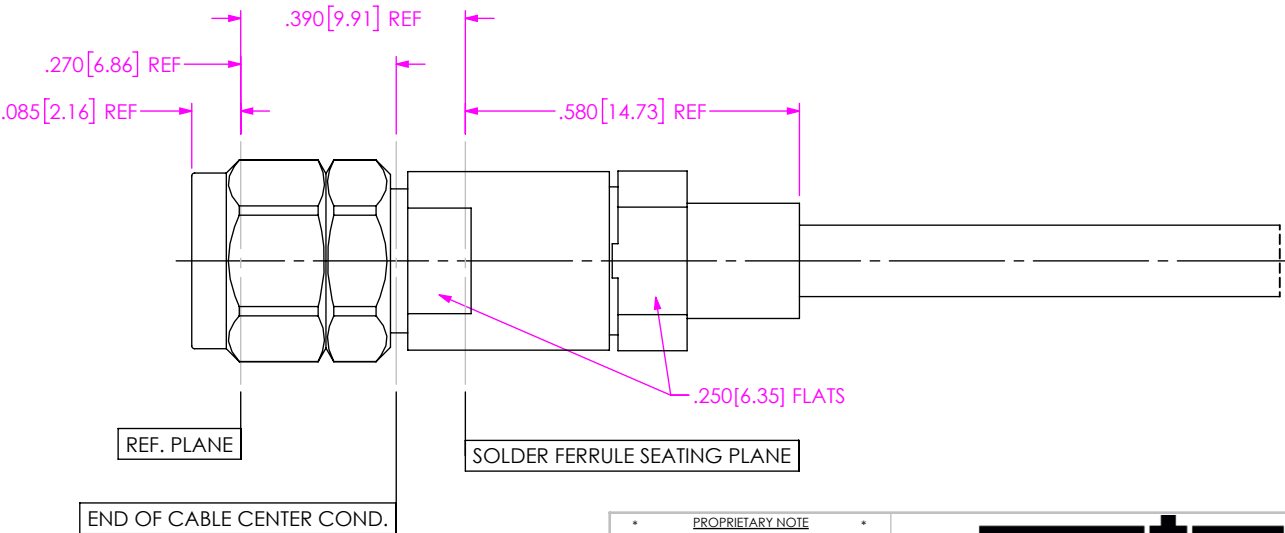
IN-PROCESS 1

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



IN-PROCESS 2

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



IN-PROCESS 3

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