

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

DO NOT
SCALE FROM
THIS PRINT

PRF35-P-C-EP-160-SS

SERIES
-35: 3.5mm

GENDER
-P: PLUG

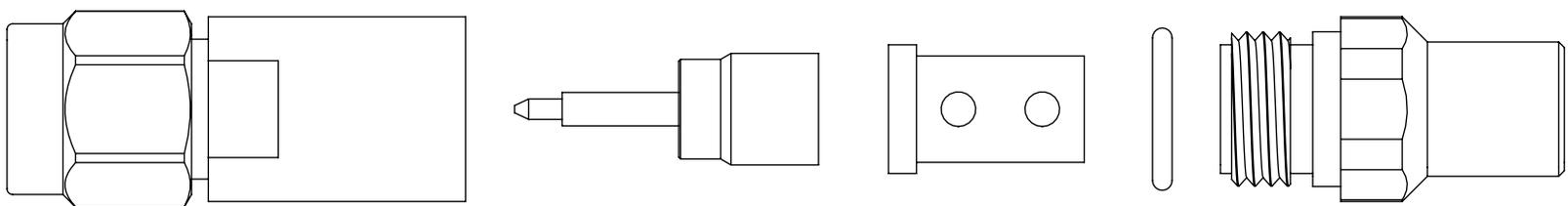
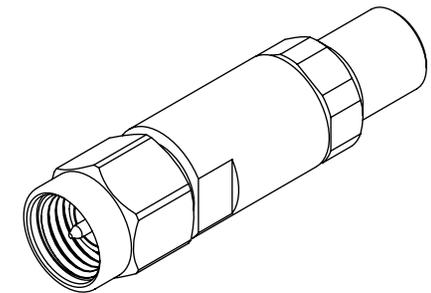
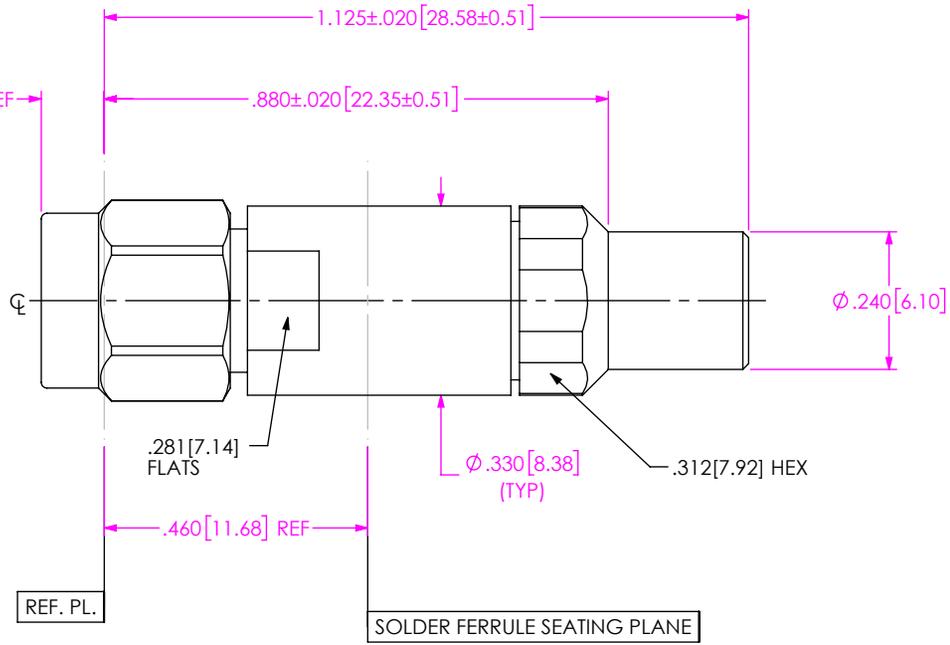
TYPE
-C: CABLE

TERMINATION
S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-160: SEMFLEX HP160

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



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

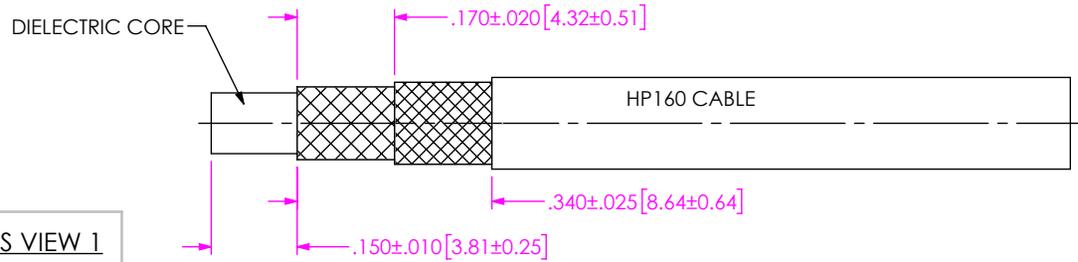
NOTES:

- MATERIAL:**
BODY, BUSHING, CLAMP NUT, COUPLING NUT: STAINLESS STEEL
CONTACT: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
BEAD: PCTFE
GASKET, O-RING: SILICONE RUBBER
- FINISH:**
BODY, BUSHING, CLAMP NUT, COUPLING NUT: PASSIVATED
CONTACT, SOLDER FERRULE: 50µ" MIN. GOLD OVER 50µ" MIN. NICKEL PLATE
- PCI P/N: 3415

F:\DWG\MISC\MKTG\PRF35-P-C-EP-160-SS-MKT.SLDRW

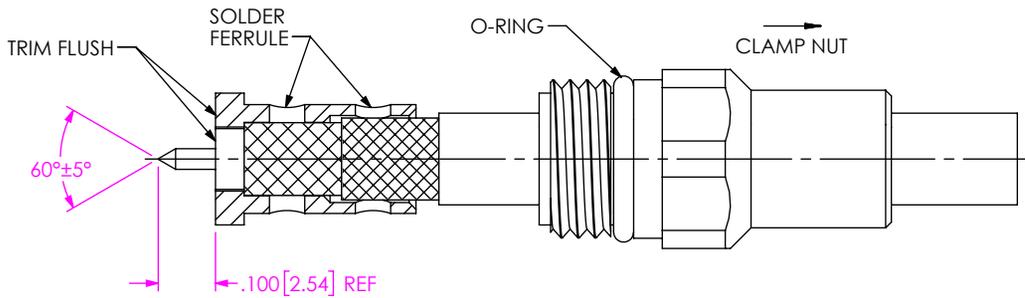
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [0.3] 1° .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES 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: 3:1		DESCRIPTION: 3.5MM PLUG, SOLDER CLAMP FOR SEMFLEX HP160 CABLE
	DWG. NO. PRF35-P-C-EP-160-SS		BY: SAMUEL C 05/08/2019 SHEET 1 OF 3

CABLE APPLICATION VIEWS



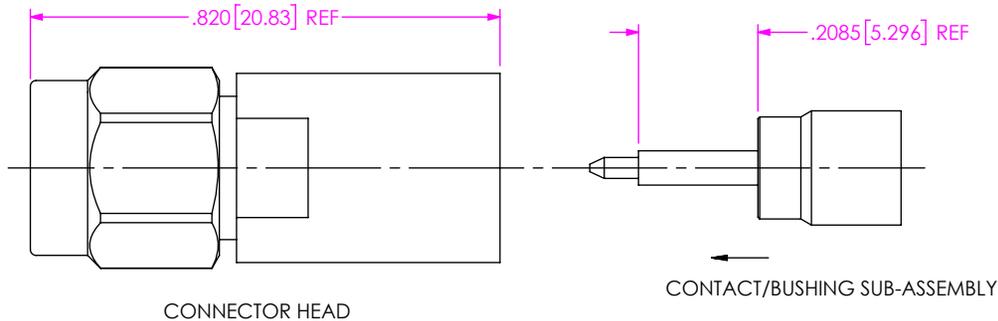
IN-PROCESS VIEW 1

1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND BRAIDS AS SHOWN.



IN-PROCESS VIEW 2

- 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. POINT CABLE CENTER CONDUCTOR AS SHOWN.



IN-PROCESS VIEW 3

3. INSERT CONTACT/BUSHING SUB-ASSEMBLY INTO CONNECTOR HEAD IN ORIENTATION SHOWN UNTIL BUSHING SEATS.

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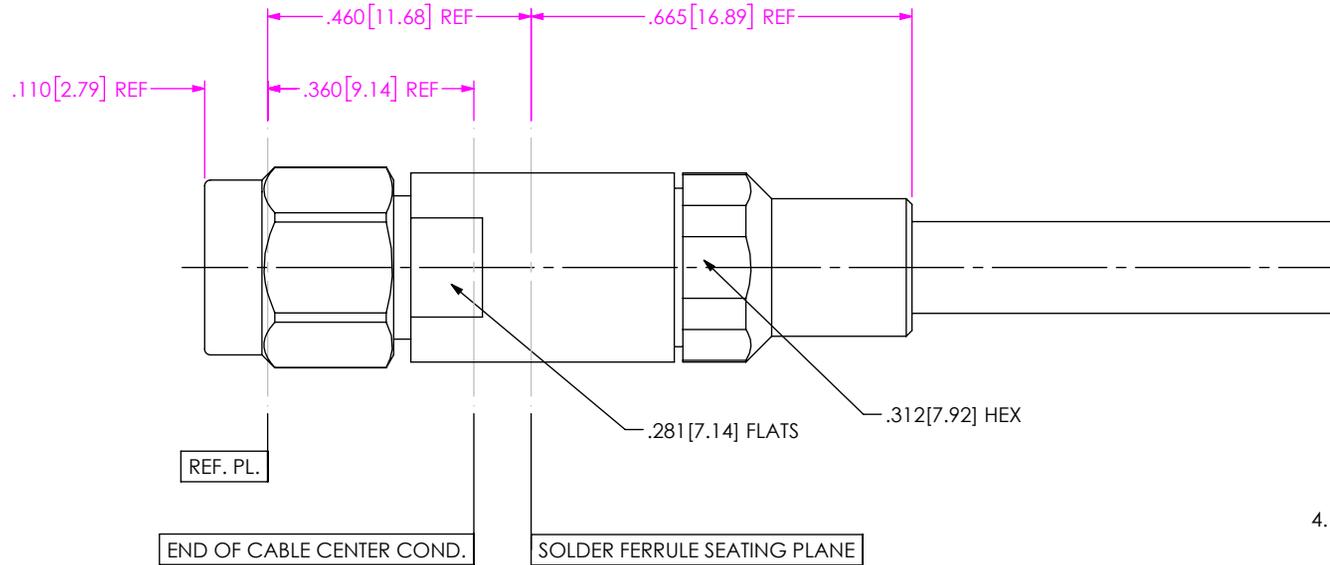
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4. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL CABLE CENTER CONDUCTOR PLUGS INTO CONTACT AND SOLDER FERRULE SEATS. TIGHTEN CLAMP NUT TO 25-35 IN. LBS.

IN-PROCESS VIEW 4

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Mouser Electronics

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