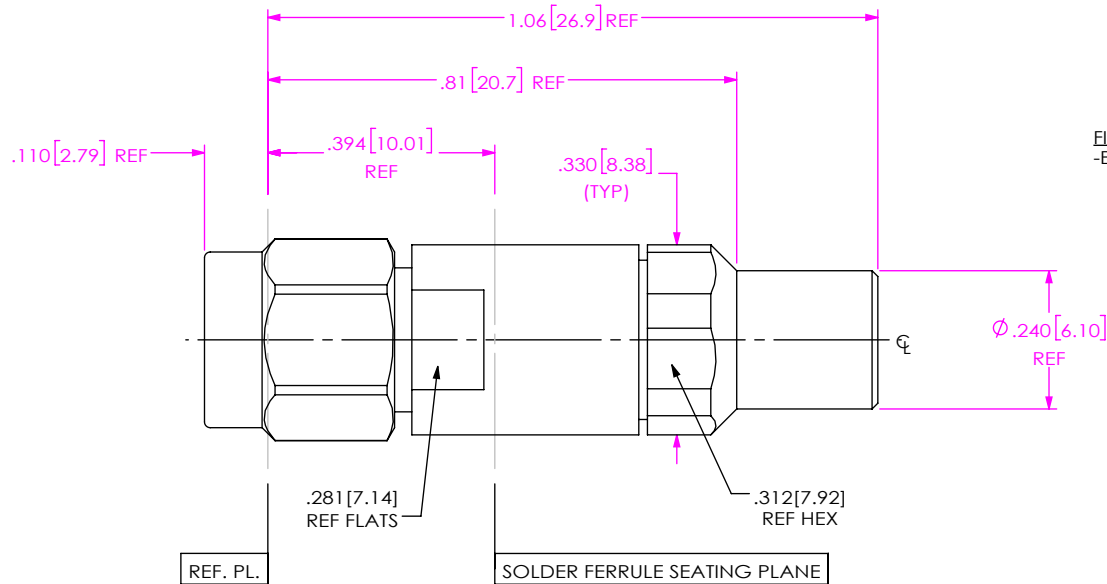


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]



PRF01-P-C-EP-140D-SS

SERIES
-01: SMA

GENDER
-P: PLUG

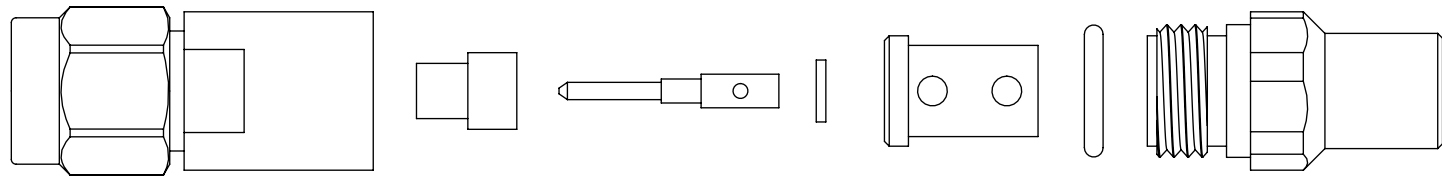
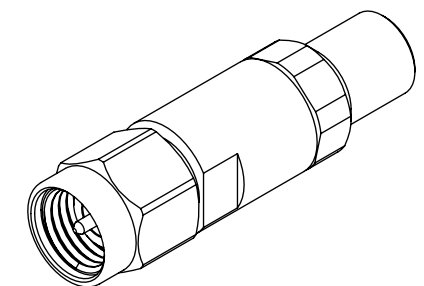
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

CABLE TYPE
-140D: DYNAWAVE DX141



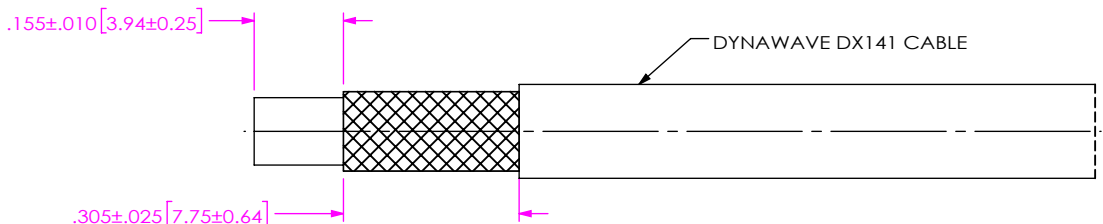
EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:**
 BODY, CLAMP NUT, COUPLING NUT: STAINLESS STEEL
 CONTACT, LOCK RING: BERYLLIUM COPPER
 SOLDER FERRULE: BRASS ALLOY
 INSULATOR: PTFE
 GASKET, O-RING: SILICONE RUBBER
- FINISH:**
 BODY, CLAMP NUT, COUPLING NUT: PASSIVATED
 CONTACT, SOLDER FERRULE: 50μ" MIN. GOLD OVER 50μ" MIN. NICKEL PLATE
- PCI P/N: 3510

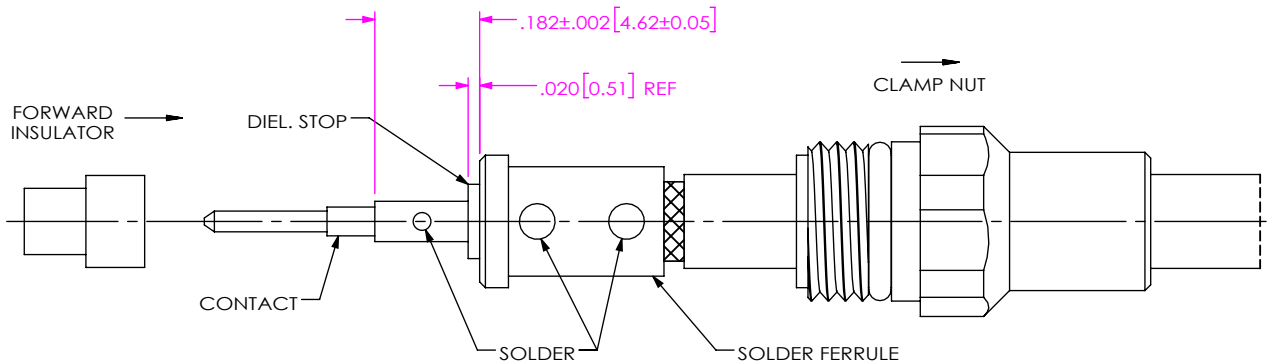
c:\enterprisevault\DWG\MISC\MKTG\PRF01-P-C-EP-140D-SS-MKT.SLDRW

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: SMA PLUG, SOLDER CLAMP FOR DYNAWAVE DX141 CABLE	
		DWG. NO. PRF01-P-C-EP-140D-SS	
		BY: HENSON T 09/24/2020	SHEET 1 OF 2



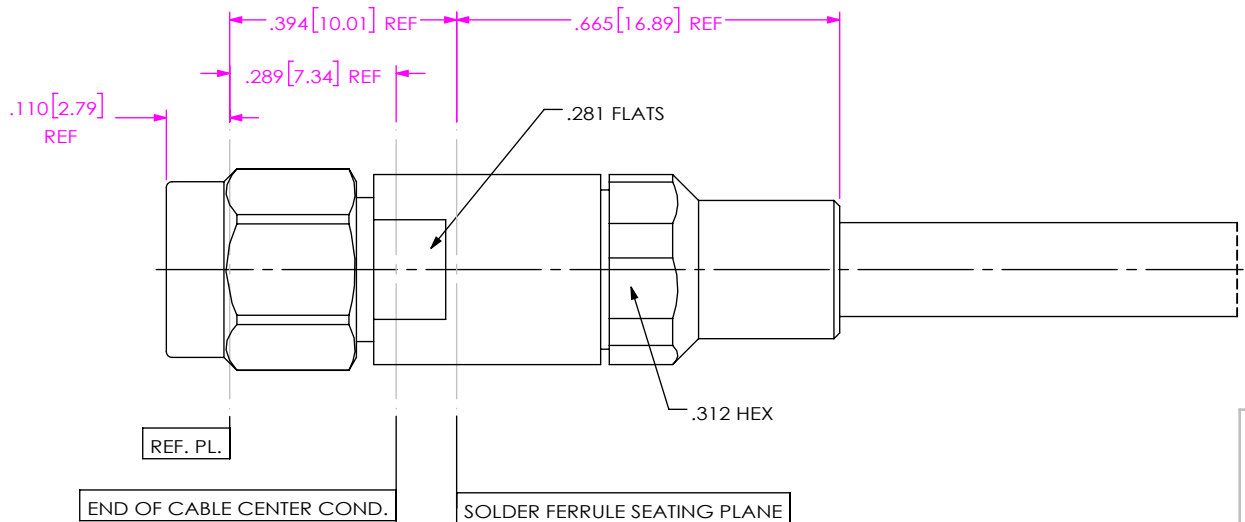
1A. TRIM CABLE AS SHOWN.

IN-PROCESS 1



- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE AS SHOWN THEN SOLDER BRAIDS TO FERRULE WHERE INDICATED.
- 2C. TRIM EXPOSED CABLE DIELECTRIC FLUSH WITH SOLDER FERRULE FACE.
- 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AGAINST FERRULE FACE AND SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.
- 2E. SLIDE FORWARD INSULATOR ONTO CONTACT.

IN-PROCESS 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 CONDUCTOR TO REF PLANE IS .289 REF

IN-PROCESS 3

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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR DYNAWAVE DX141 CABLE

DWG. NO. PRF01-P-C-EP-140D-SS

BY: HENSON T 09/24/2020 SHEET 2 OF 2