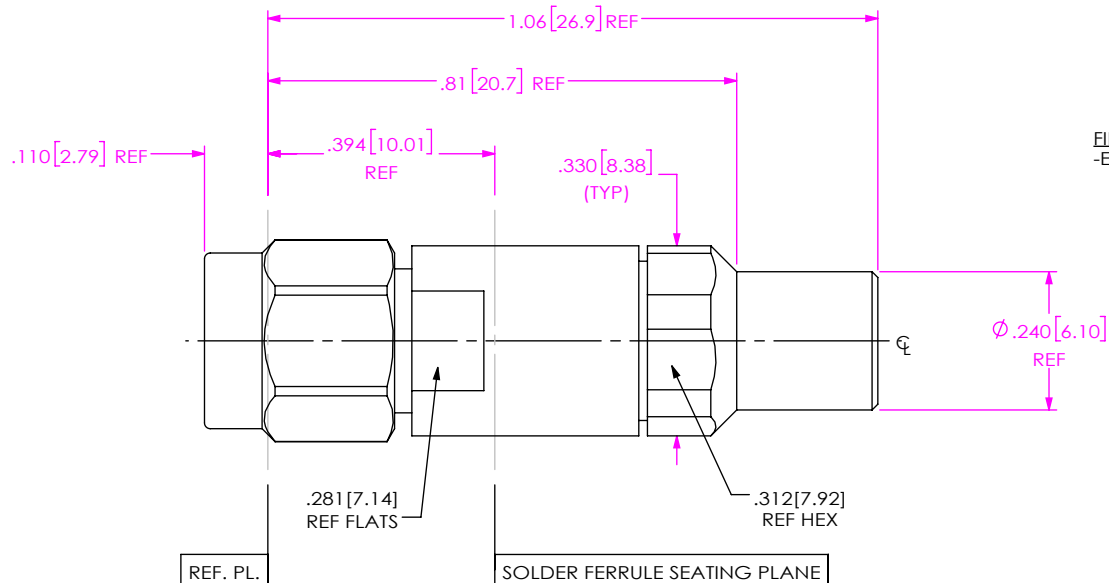


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]



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

SERIES
-01: SMA

GENDER
-P: PLUG

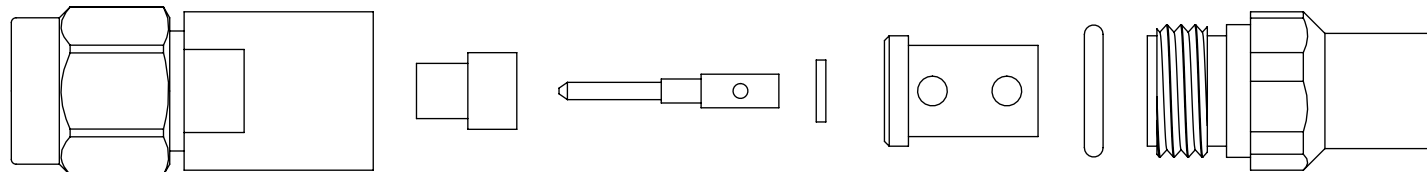
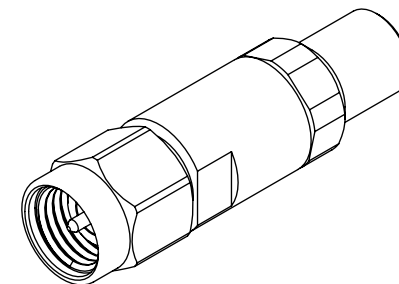
TYPE
-C: CABLE

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:

1. MATERIAL:

BODY, CLAMP NUT, COUPLING NUT: STAINLESS STEEL
CONTACT, LOCK RING: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
INSULATOR: PTFE
GASKET, O-RING: SILICONE RUBBER

2. FINISH:

BODY, CLAMP NUT, COUPLING NUT: PASSIVATED
CONTACT, SOLDER FERRULE: 50μ" MIN. GOLD OVER 50μ" MIN. NICKEL PLATE

3. PCI P/N: 3510

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [0.3] 1°
.XXX: ±.005 [0.13]
.XXXX: ±.0005 [0.013]

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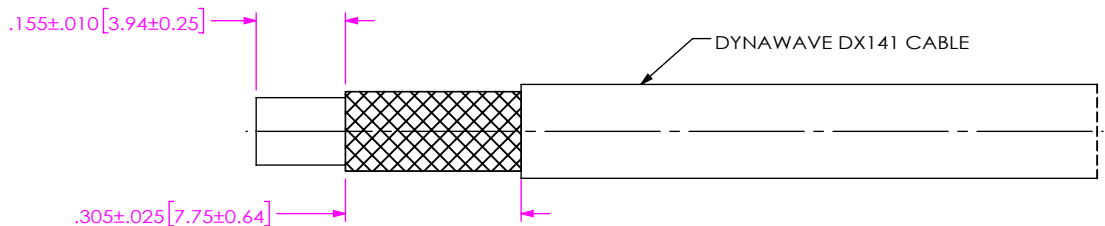
DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR DYNAWAVE DX141 CABLE

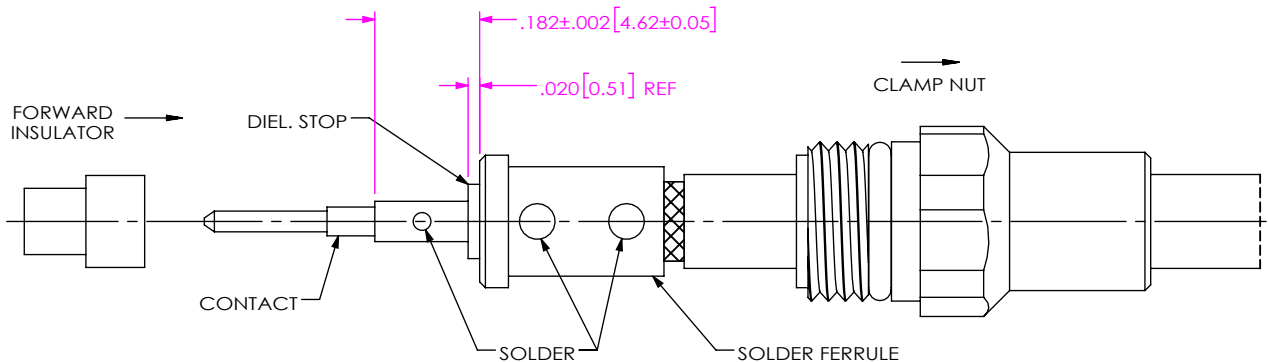
DWG. NO. PRF01-P-C-EP-140D-SS

BY: HENSON T 09/24/2020 SHEET 1 OF 2



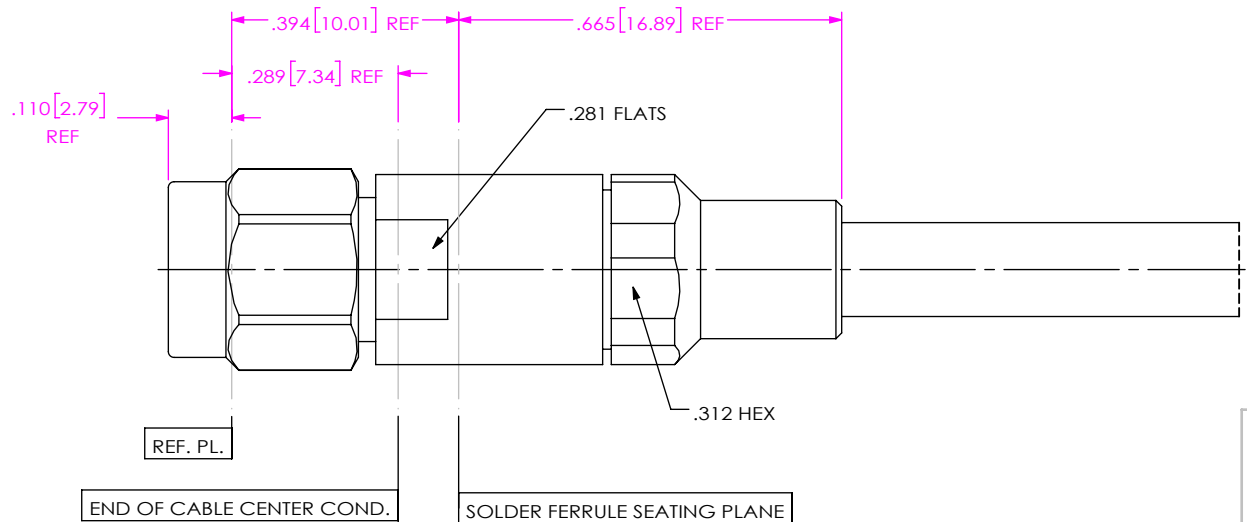
1A. TRIM CABLE AS SHOWN.

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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SHEET SCALE: 3:1

DESCRIPTION: SMA PLUG, SOLDER CLAMP FOR DYNAWAVE DX141 CABLE

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