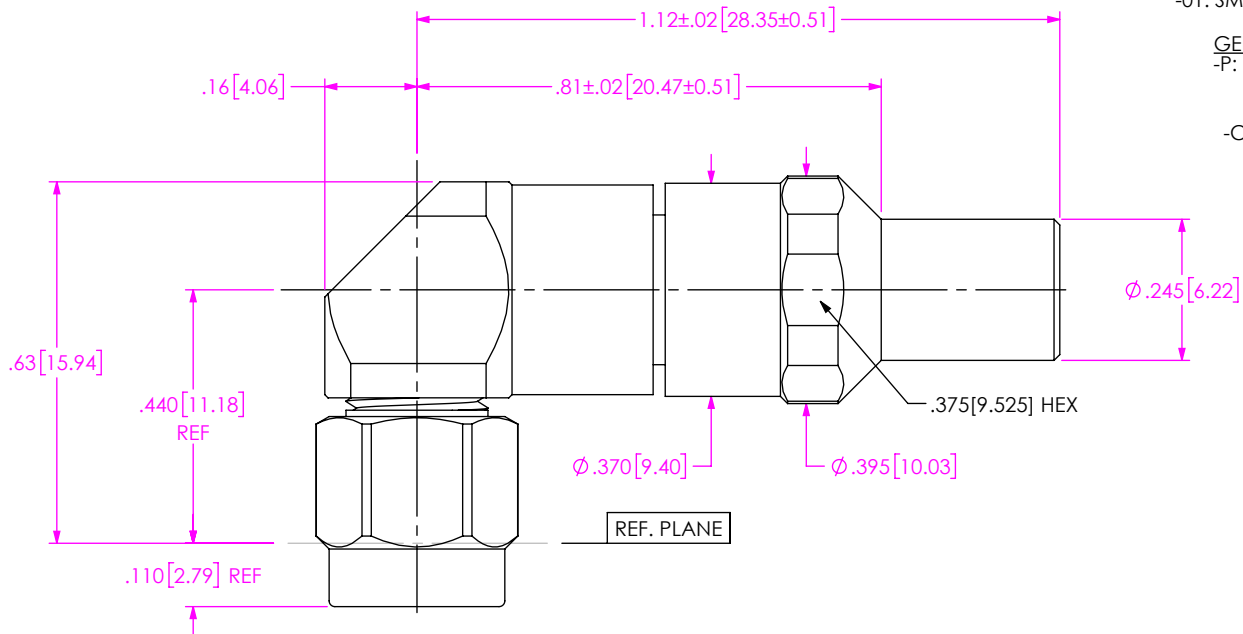


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES [MILLIMETERS]



PRF01-P-C-EP-135-RS

SERIES
-01: SMA

GENDER
-P: PLUG

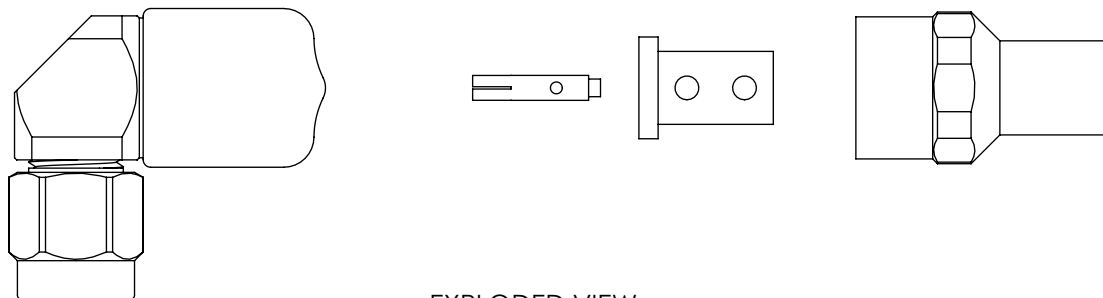
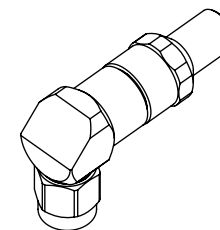
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-R: RIGHT ANGLE

CABLE TYPE
-T35: DYNAWAVE DF440W



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

NOTES:

- MATERIAL:
BODY, COUPLING & CLAMP NUTS: STAINLESS STEEL.
CONTACTS & LOCK RING: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
GASKET: SILICONE RUBBER.
INSULATORS: PTFE.
- FINISH:
BODY, COUPLING & CLAMP NUTS: PASSIVATED.
CONTACTS & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µ" MIN GOLD OVER 50 µ" MIN NICKEL.
- PCI P/N: 3745.

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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e-Mail info@SAMTEC.com code 55322

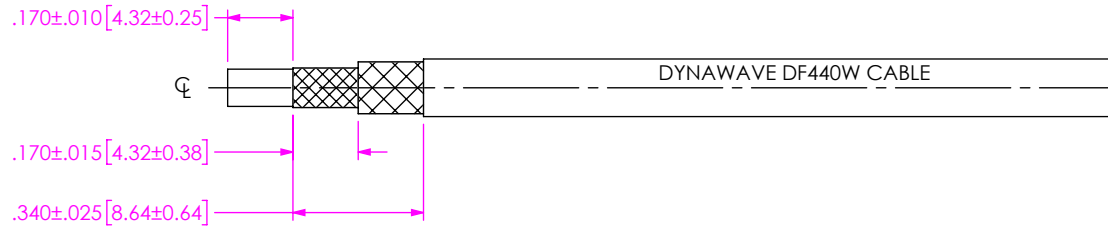
DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: SMA RT. ANGLE PLUG, SOLDER CLAMP FOR DYNAWAVE DF440W CABLE

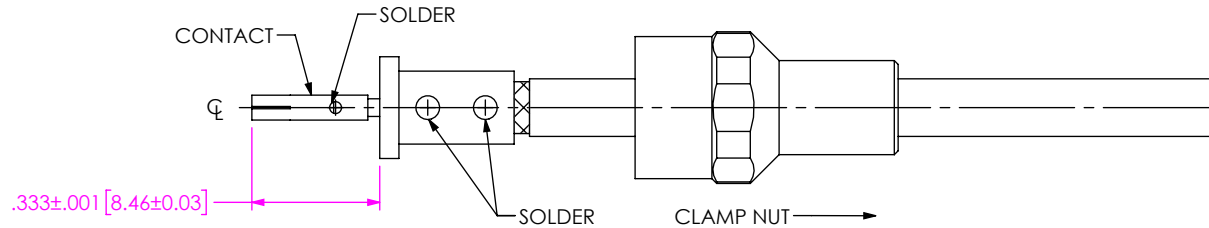
DWG. NO. PRF01-P-C-EP-135-RS

BY: WILLY Y 5/8/2022 SHEET 1 OF 2



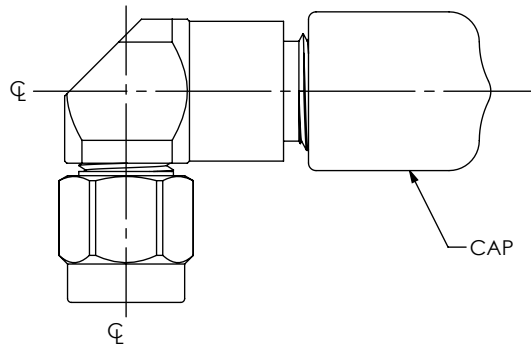
1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND BRAIDS AS SHOWN.

IN-PROCESS 1



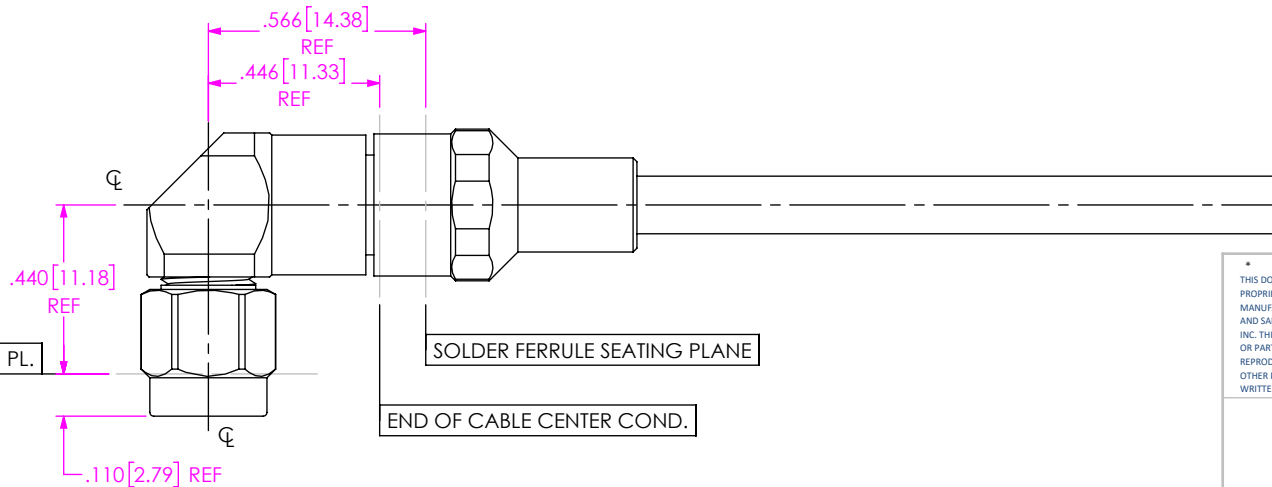
2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL FULLY SEATED, THEN SOLDER CABLE TO FERRULE WHERE SHOWN.
 2C. TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE (DO NOT SCORE CENTER CONDUCTOR).
 2D. SOLDER CONTACT FLUSH TO CABLE CORE TO DIMENSION SHOWN.

IN-PROCESS 2



3. REMOVE AND DISCARD CAP.

IN-PROCESS 3



4. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN.-LBS.

IN-PROCESS 4

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: SMA RT. ANGLE PLUG, SOLDER CLAMP FOR DYNAWAVE DF440W CABLE

DWG. NO. PRF01-P-C-EP-135-RS

BY: WILLY Y 5/8/2022 SHEET 2 OF 2