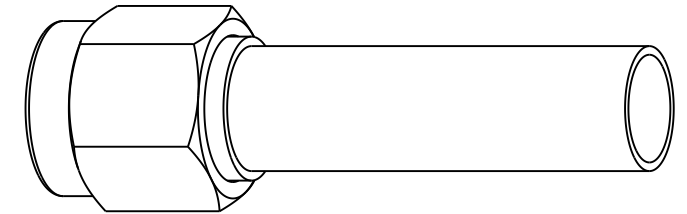


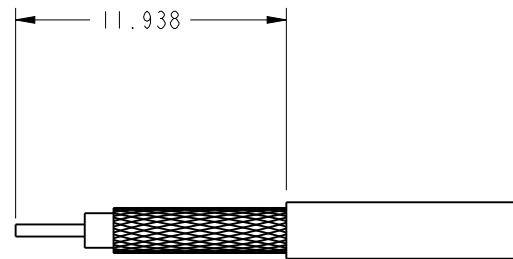
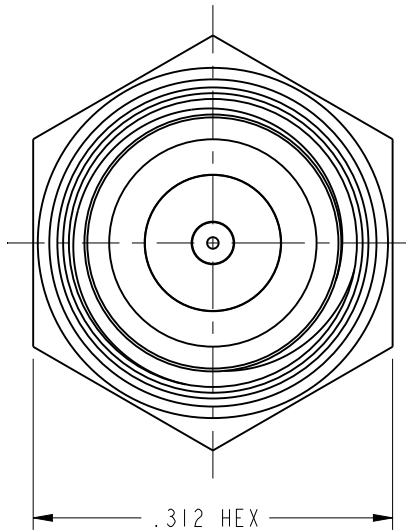
NOTES:

- MATERIALS AND FINISHES (AS PER FINISH AND CORROSION REQUIREMENTS OF MIL-C-39012):
 BODY, COUPLING NUT - NON-MAGNETIC STAINLESS STEEL, GOLD PLATE (.000004 MIN) THICK.
 OUTER FERRULE - COPPER, GOLD PLATED (.000004 MIN) THICK.
 CONTACT - BRASS OR BERYLLIUM COPPER, GOLD PLATED (.0000040 MIN) THICK.
 RETAINING RING - BERYLLIUM COPPER.
 INSULATOR - PTFE.
 GASKET - SILICONE RUBBER.
- MECHANICAL SPECIFICATIONS:
 ENGAGEMENT DESIGN: SMA PER MIL-C-39012
 MATING CYCLES: MINIMUM 500
 ENGAGEMENT TORQUE: 2 IN-LBS MAX
 COUPLING TORQUE: 7-10 IN-LBS
 COUPLING NUT RETENTION: (60 LBS)
- ELECTRICAL SPECIFICATIONS:
 IMPEDANCE: 50 OHMS
 VOLTAGE RATING: 750 VRMS PEAK
 CORONA LEVEL: 190V @ 21KM (70K FT) MIN
 VSWR: 1.20 +.025f (GHz)
 INSERTION LOSS: .03 $\sqrt{f(\text{GHz})}$ dB MAX
- CENTER CONTACT IS SUPPLIED LOOSE.

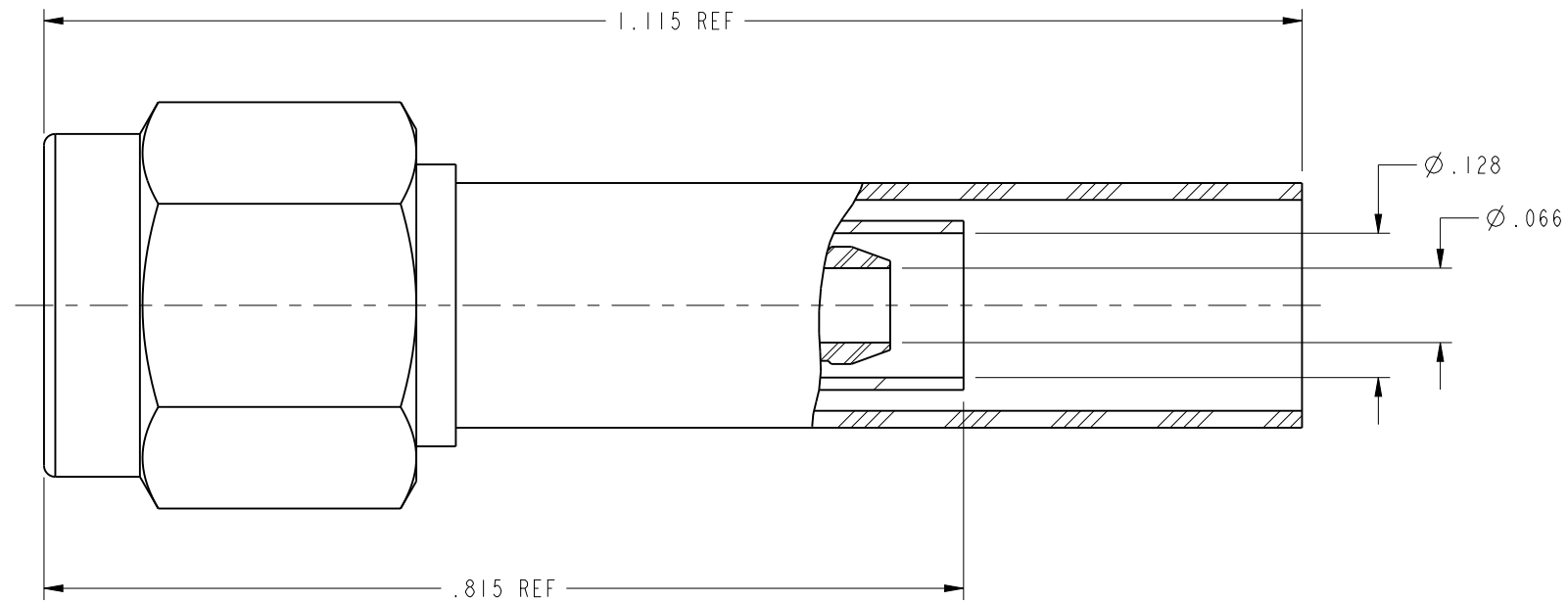
901-9511-3		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	11/17/76	24871	SP
	M	ADDED SHEET 2	4/27/04	44926	CPM
	N	BODY & CP NUT PLATE WAS PASSIVATED; FERR WAS NICKEL	7/25/05	45650	CPM
	P	SEE SHEET 1	7/10/06	46155	CPM
	R	NOTES: ADD ENGAGEMENT DESIGN, COUPLING TORQUE MAX 10 IN-LBS WAS 17, ADD COUPLING NUT RETENTION, VOLTAGE RATING 750 WAS 375, ADD CORONA LEVEL	12/10/14	50293	MJD
	T	NOTE 1 - RETAINING RING - BERYLLIUM COPPER WAS BRASS & WAX DIPPED	3/2/15	50385	MJD



SCALE 3.000



RECOMMENDED
CABLE STRIPPING DIM'S.
SCALE 3.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN C. McGRATH	DATE 4/8/04	TITLE CRIMP TYPE 'SMA' PLUG FOR RG-188A/U, 316/U, 174/U, 179B/U, & 187A/U CABLES	Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE D,O,R, 313431 611X-706 GEN# ASSYM8_SMA	ENGINEER P. BRENZEL	DATE 2/13/98				
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