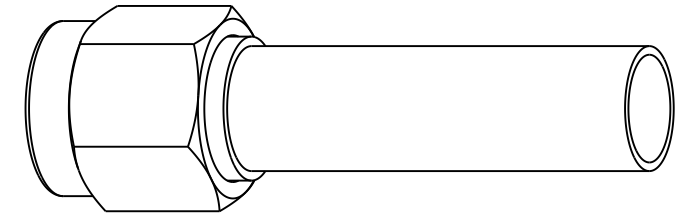


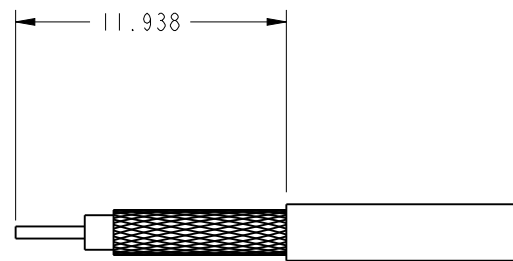
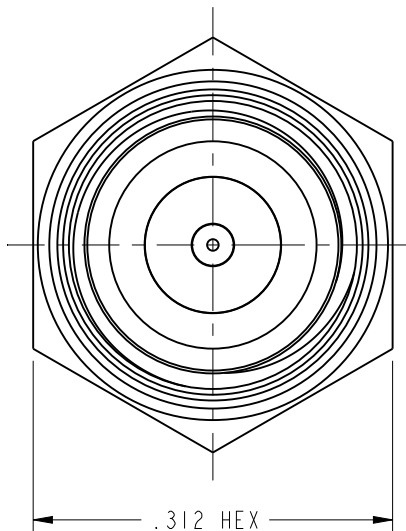
NOTES:

- 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.

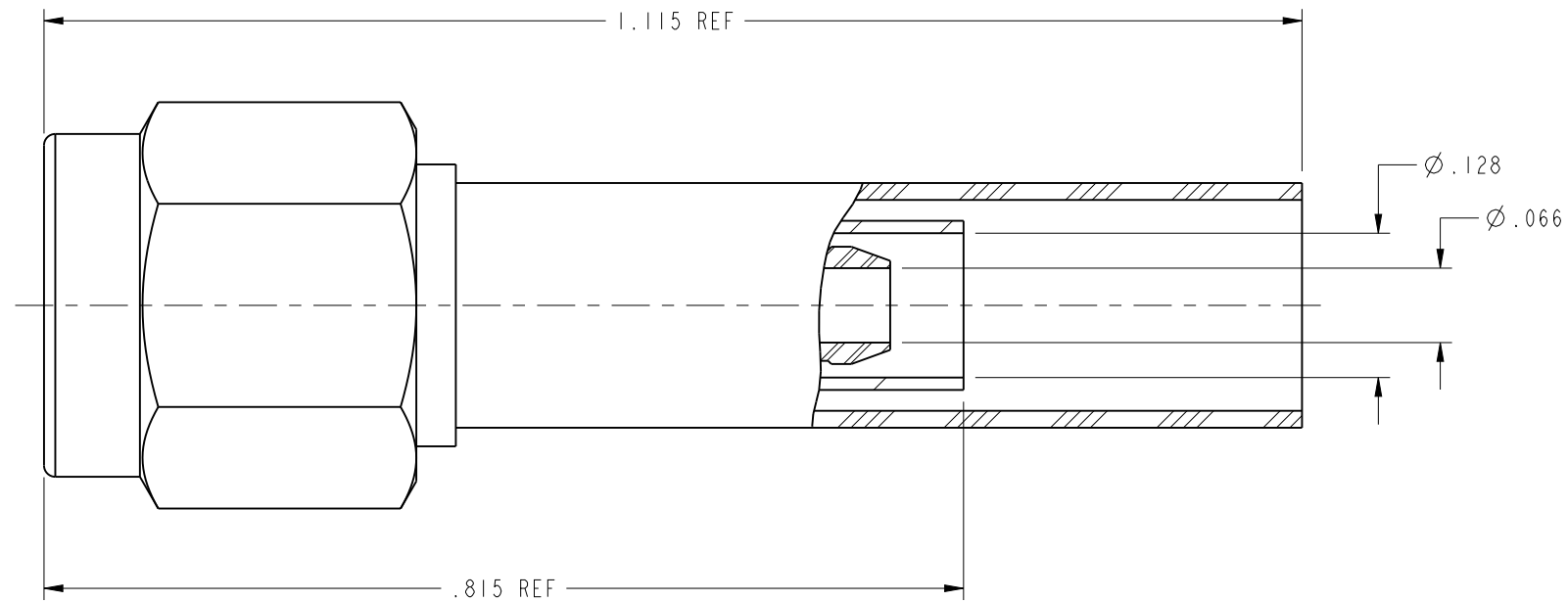
901-9511-3		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	11/17/76	24871	SP
	M	ADDED SHEET 2	4/27/04	44926	CPM
	N	BODY & CP NUT PLATE WAS PASSIVATED; FERR WAS NICKEL	7/25/05	45650	CPM
	P	SEE SHEET 1	7/10/06	46155	CPM
	R	NOTES: ADD ENGAGEMENT DESIGN, COUPLING 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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		CAD FILE I:\SMA\901-9511-3	CODE ID 74868	DWG SIZE B	DRAWING NO. 901-9511-3	REV T

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