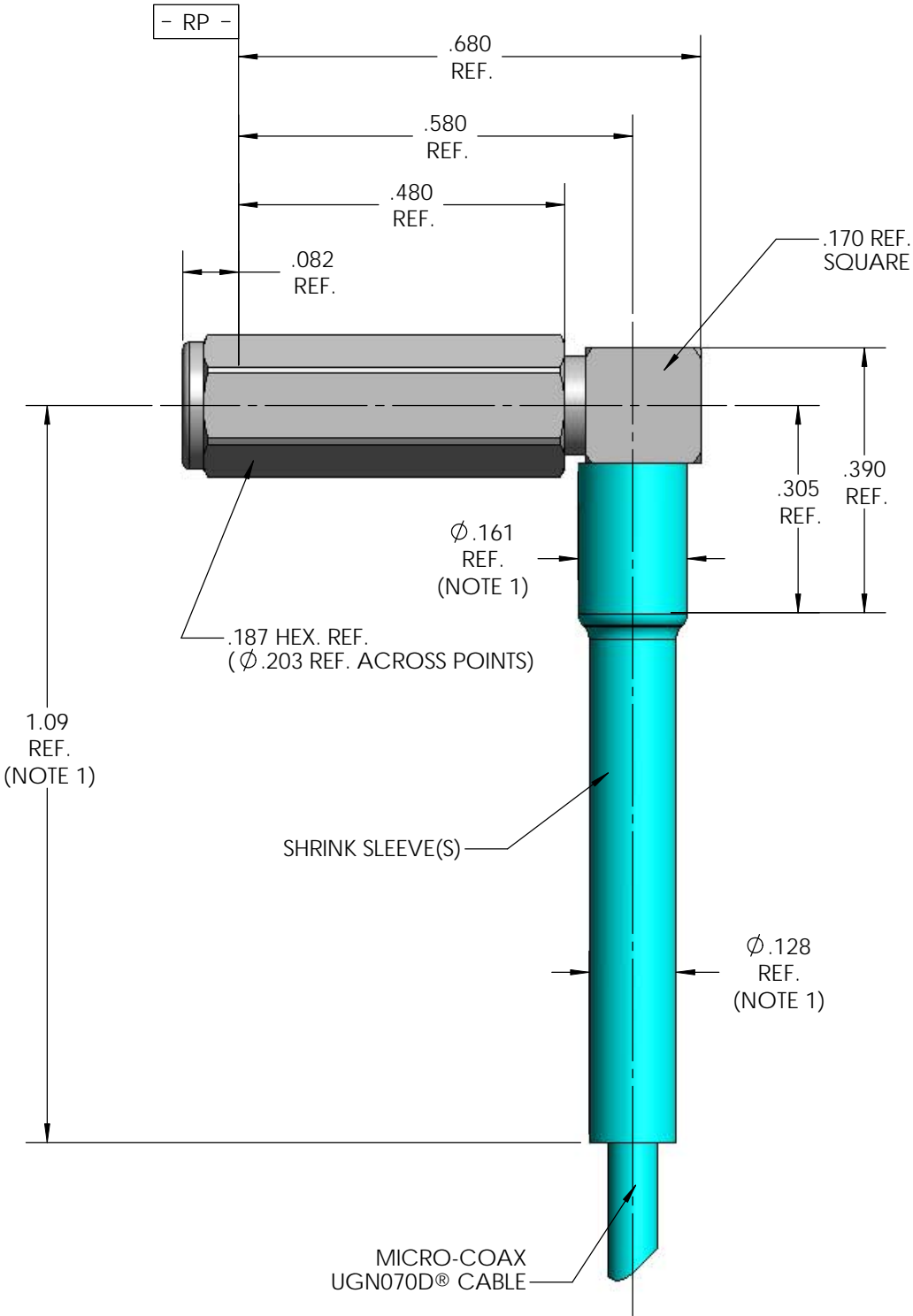


MECHANICAL CHARACTERISTICS	
INTERFACE	MICRO-COAX DRAWING A-18466
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	2 IN-LBS. NOM.
COUPLING PROOF TORQUE	4 IN-LBS. MIN.
COUPLING NUT RETENTION	40 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (BOTH DIRECTIONS)	6 LBS. MIN.
CABLE RETENTION	5 LBS. MIN.
MASS	MASS= 2.43 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	1 GHz
VSWR DC - 1 GHz	1.10:1 MAX.
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	475 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 1 GHz	-90 dB MIN.
CORONA	130 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	325 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-62 °C TO 165 °C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
MATERIALS AND FINISH	
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR, DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300 PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER ZZ-R-765
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
BODY	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
END CAP	BRASS, PER ASTM-B-36 GOLD PLATE PER MIL-DTL-45204, OVERCOPPER PLATE PER MIL-C-14550
APPLICATION	
CABLE(S)	UGN070D
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 55848	11/22/2005	JMK	RS
B	ECO125569	11/6/2012	CCF	RS



ISOMETRIC VIEW  
SCALE 2:1

NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

SPECIFICATION DRAWING

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		DWN.	JMK	03/04/04							
		CHKD.	CCF	11/06/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								OSMM RIGHT ANGLE PLUG, EXTENDED COUPLING NUT UGN070D CABLE	
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV
.XXX	± .005					64639	B	4:1	1 OF 1	SD904002	B
.XXXX	± .0010										
ANGLES	± 2°										