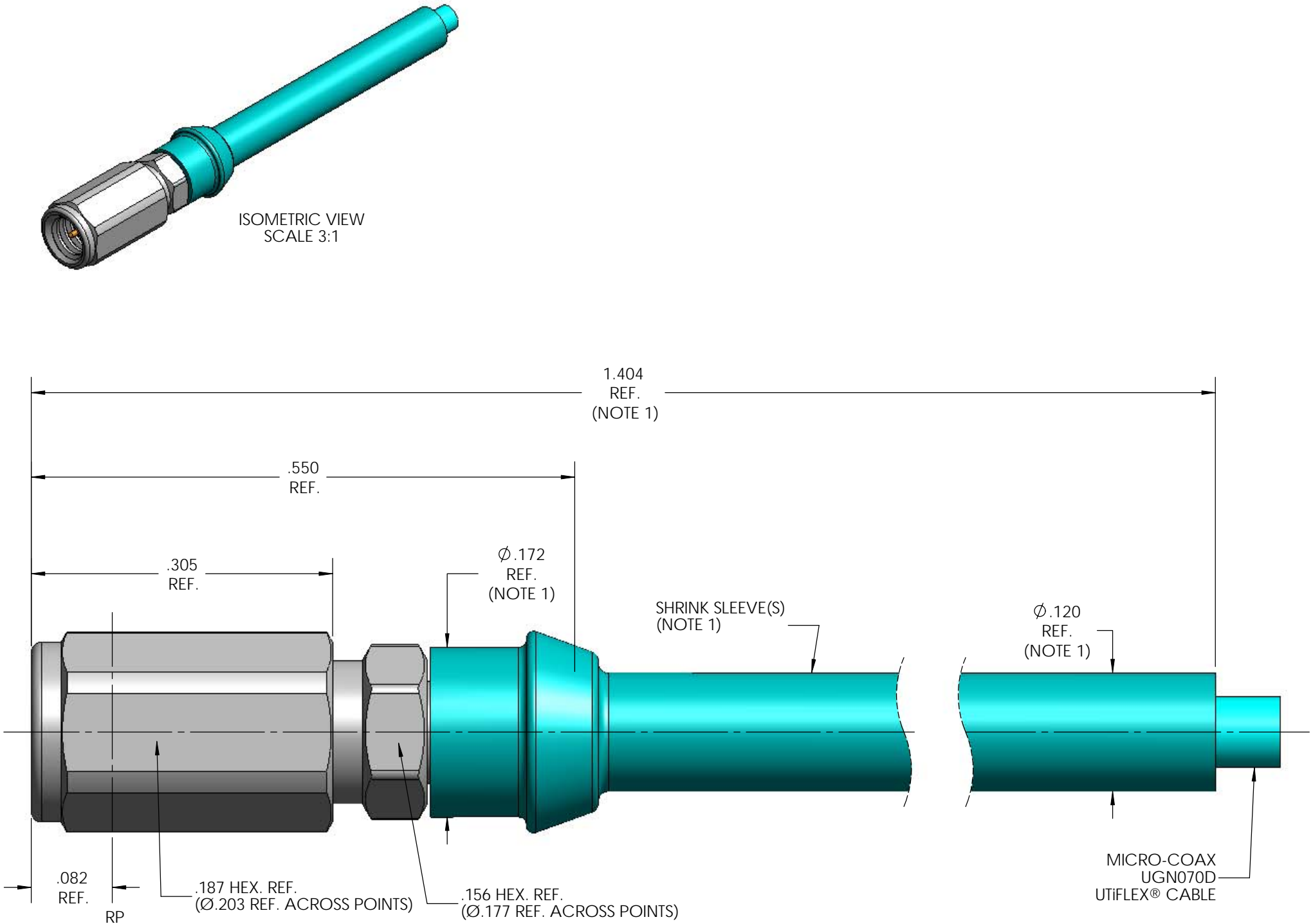


MECHANICAL CHARACTERISTICS	
INTERFACE	MICRO-COAX DRAWING A-18466
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	2 IN-LBS. NOM.
COUPLING PROOF TORQUE	4 IN-LBS. MIN.
COUPLING NUT RETENTION	40 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (BOTH DIRECTIONS)	6 LBS. MIN.
CABLE RETENTION	5 LBS. MIN.
MASS	MASS = 1.18 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	-65 °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	
FRONT BODY & COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
REAR 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
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
FRONT INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC BEAD & REAR INSULATOR	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
GASKET	SILICONE RUBBER PER ZZ-R-765
APPLICATION	
CABLE(S)	UGN070D
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 55870	12/6/2005	JMK	RS
B	ECO 105593	7/27/2010	MJM	RS



NOTE:

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

THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC.	INITIALS		DATE		<div><b>MICRO-COAX<sup>®</sup></b> <i>Leading the way in transmission line solutions.</i> <i>Copyright Micro-Coax, Inc.</i></div>						
	DWN.	JMK	02/20/04								
	CHKD.	MJR	7/22/10								
	APPVD.										
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE								
			OSMM PL, UGN070D								
.XX	± .02		ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.  64639	SIZE  B	SCALE  8:1	SHEET NO.  1 OF 1	DRAWING NO.  SD904003	REV  B	
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										