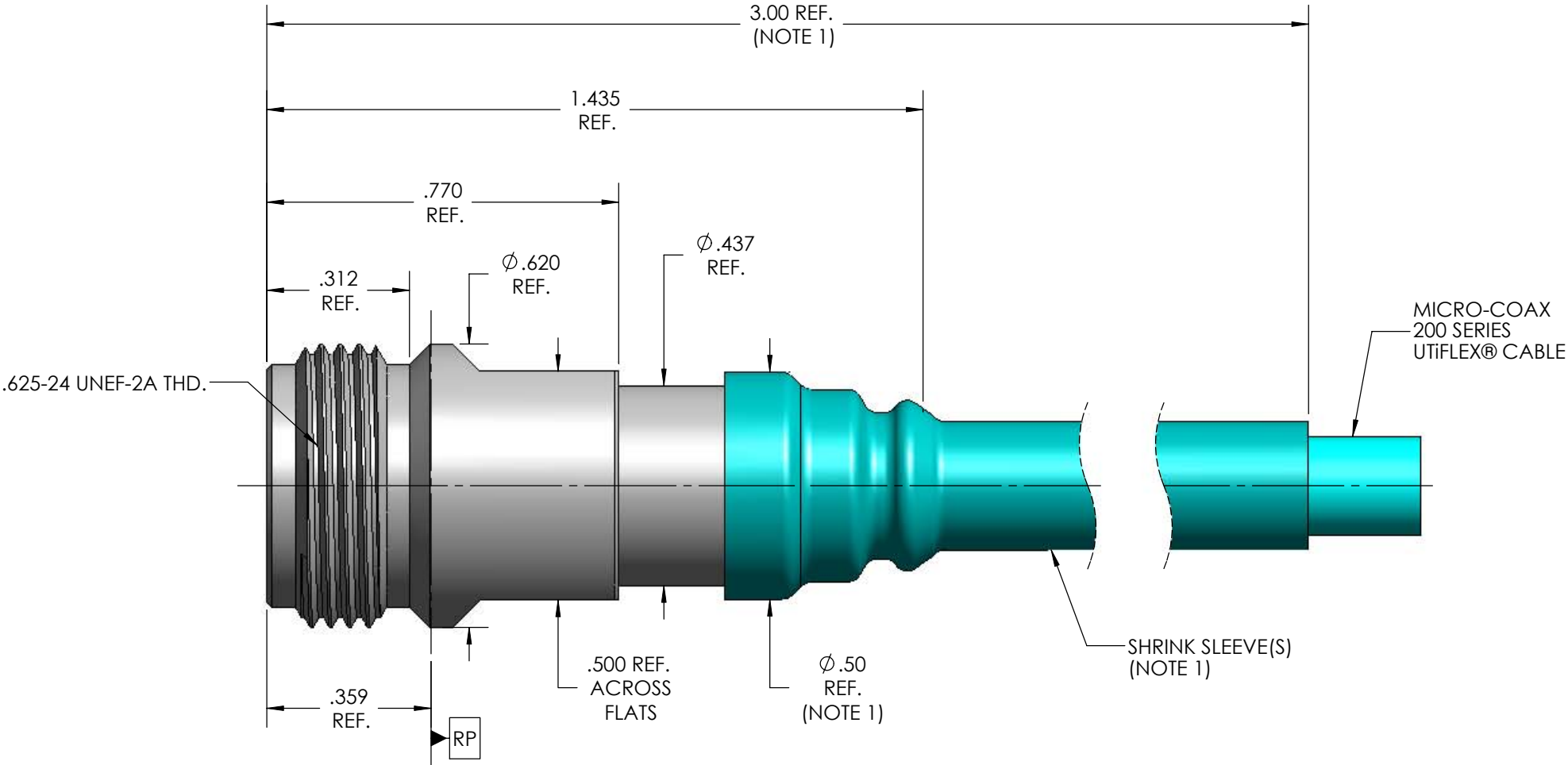
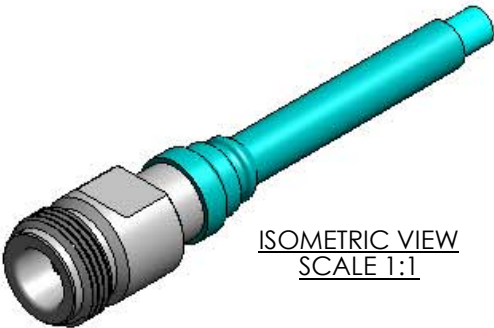


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 304-2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287/D3 REF.
RECOMMENDED MATING TORQUE	20 IN-LBS. NOM.
FORCE TO ENGAGE	6 IN-LBS. MAX.
FORCE TO DISENGAGE	6 IN-LBS. MIN.
CONTACT CAPTIVATION (BOTH DIRECTIONS)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CENTER CONTACT INSERTION FORCE (INTERFACE)	2 LBS. MAX.
CENTER CONTACT WITHDRAW FORCE (INTERFACE)	2 OZ. MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	MASS = 28.25 GRAMS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	12.4 GHz
VSWR DC - 12.4 GHz	1.16:1 MAX.
INSERTION LOSS	0.045 \sqrt{f} (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1200 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 12.4 GHz	-90 dB MIN.
CORONA	310 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	800 Vrms MIN.
CONTACT RESISTANCE (INNER)	1.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION B
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
BODY, CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
INSULATOR, LOCKING BEAD	TFE FLUOROCARBON, PER ASTM-D-1710
APPLICATION	
CABLE	200 SERIES
INSTALLATION	PER CONFIGURATOR

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REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 105167	3/9/2010	MJM	RS



NOTE:

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

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		DWN.	SRS	12/15/04										
		CHKD.	NDS	3/10/10										
		APPVD.												
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								N JACK, 200 SERIES 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			
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.XXX	± .0010													
ANGLES	± 2°													