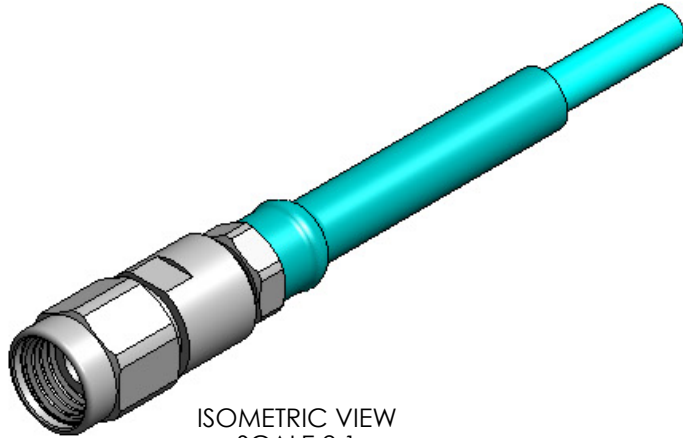
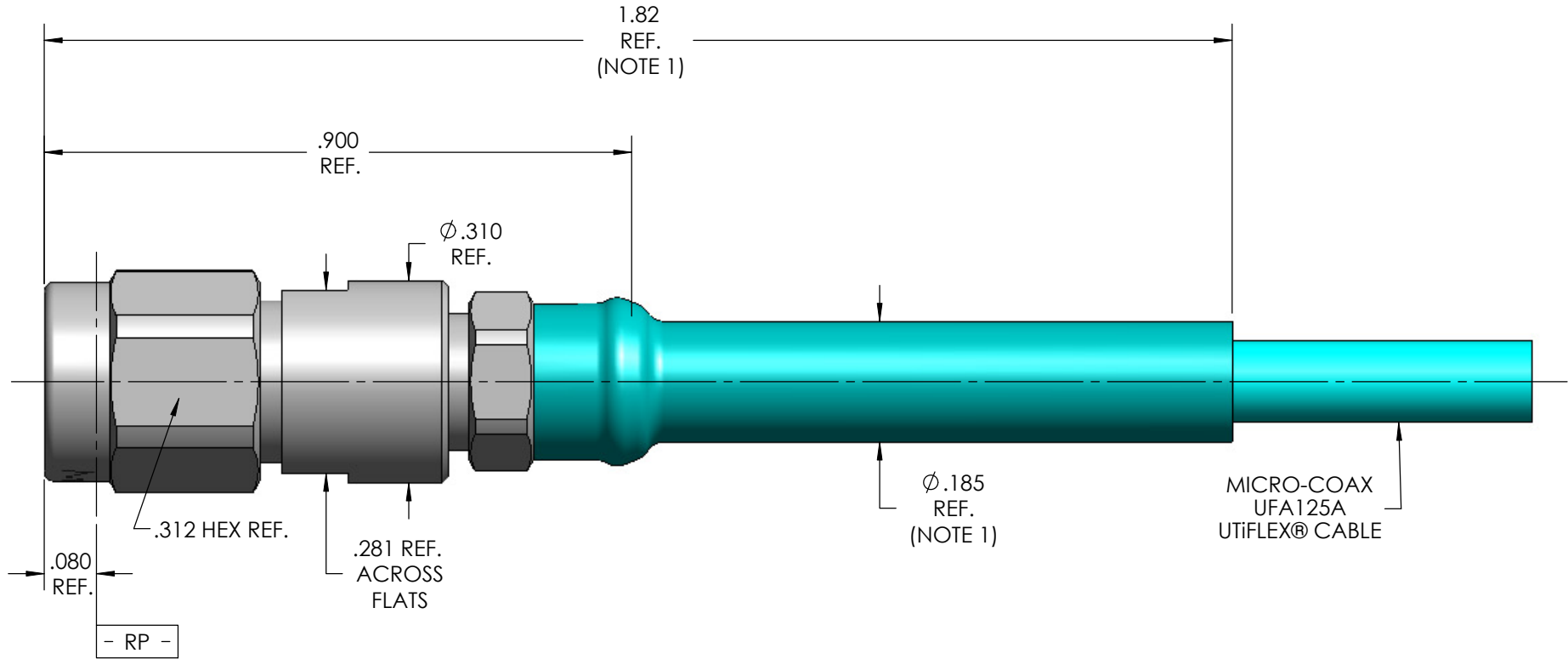


MECHANICAL CHARACTERISTICS	
INTERFACE	IEEE P287
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING NUT PROOF TORQUE	15 IN-LBS. MAX.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
COUPLING NUT RETENTION	60 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.
CABLE RETENTION	20 LBS. MIN.
MASS (SHEET 1)	5.00 GRAMS
MASS WITH ELBOW (SHEET 2)	7.83 GRAMS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	50 GHz
VSWR DC - 18 GHz	1.12:1MAX.
18 GHz - 50 GHz	1.19:1 MAX
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	750 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
18 - 50 GHz	TBD
CORONA	190 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	500 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO +125°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
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, COUPLING NUT, ELBOW & ELBOW RETAINING RING	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER ZZ-R-765
BEAD	KEL-F PER MIL-P-16036
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
ELBOW COVER	BRASS, PER ASTM-B-16
APPLICATION	
CABLE(S)	UFA125A
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. SEE SHEET 2 FOR 90° ELBOW CONFIGURATION.

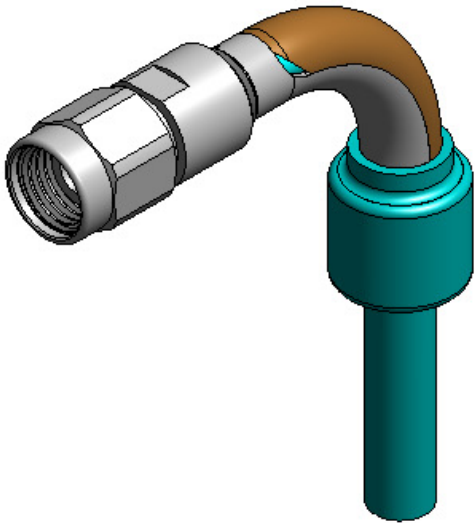
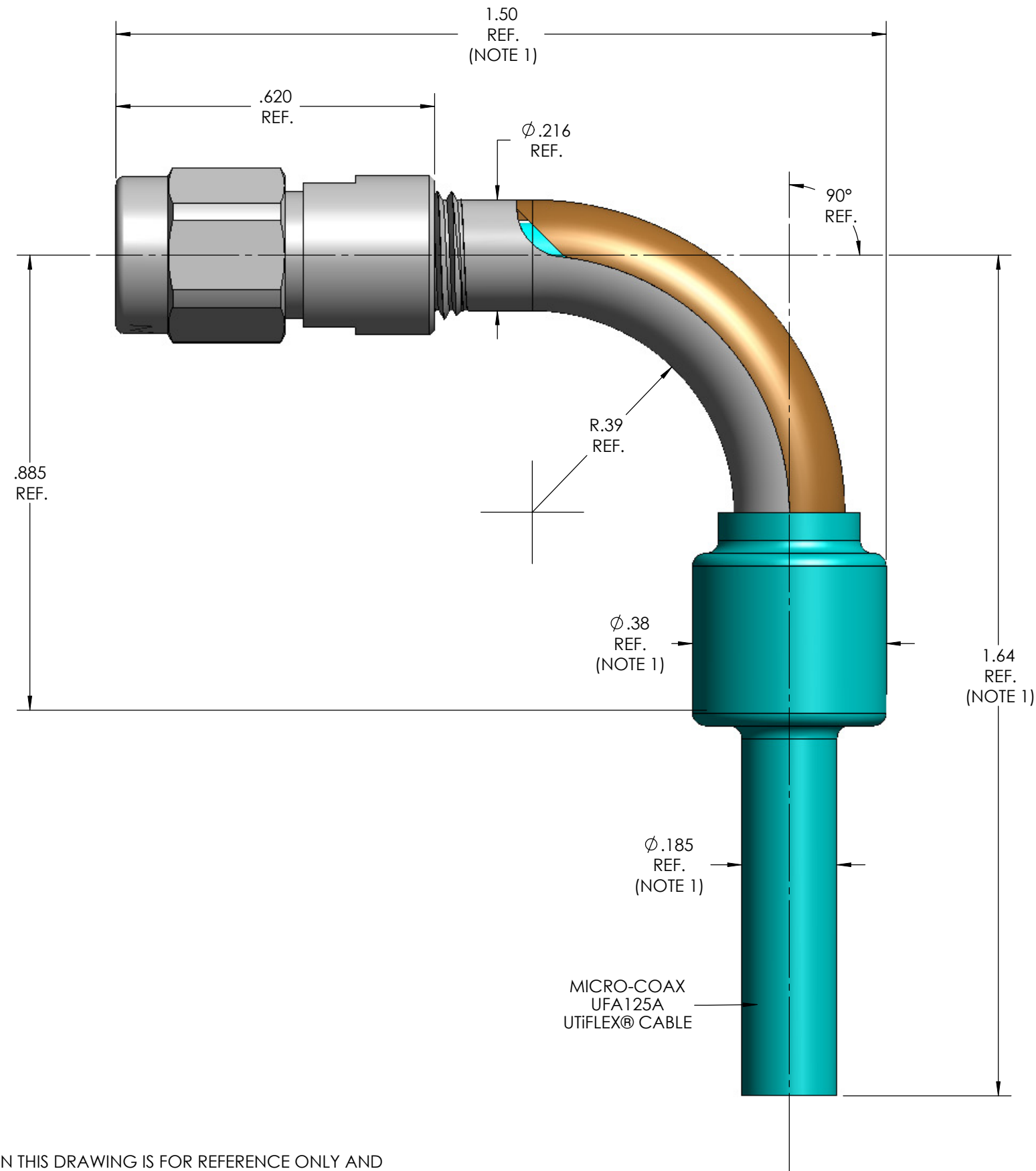
REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE - ECO 125303	6/8/2012	MJM	RS	CCF

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		DWN.	MJM	2/29/12							
		CHKD.	MJM	2/29/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		2.4mm PLUG, UFA125A									
.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 2	SD903095	A		
.XXXX	± .0010										
ANGLES	±2°										

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DESCRIPTION
SEE SHEET 1 FOR REVISION HISTORY



ISOMETRIC VIEW
SCALE 2:1

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		DWN.	MJM	2/29/12							
		CHKD.	MJM	2/29/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE		2.4mm PLUG, UFA125A, 90° ELBOW							
.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	2 OF 2	SD903095	A		
.XXXX	± .0010										
ANGLES	±2°										