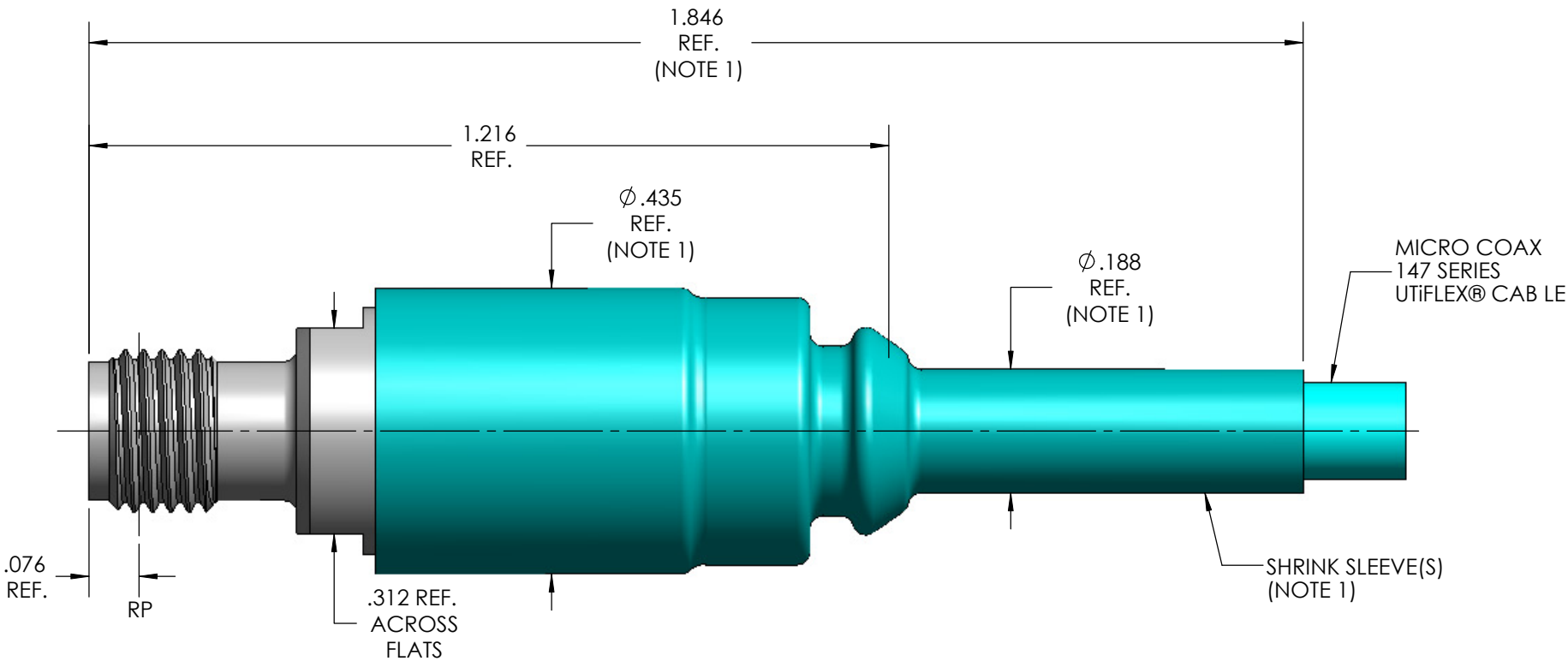
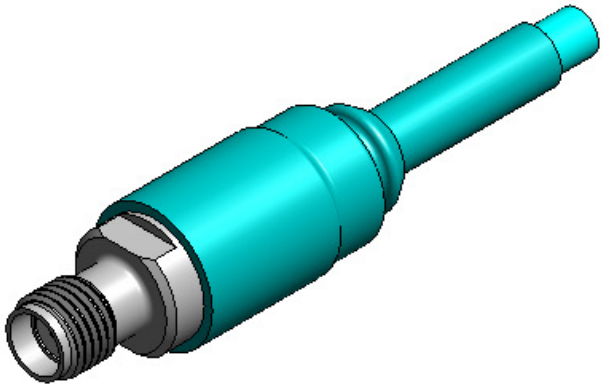


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 310-2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/57 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION (FROM CABLE)	2 LBS. MAX
CENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.
CABLE RETENTION	10 LBS MIN.
MASS	9.07 GRAMS NOM.
MASS SHEET 2	11.75 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	975 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	250 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	650 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 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
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODY & CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
ELBOW	STEEL, CORROSION RESISTANT, PER ASTM-A-269, UNS NO. S30400 (TP 304) OR S30403 (TP 304L), PASSIVATED PER ASTM-A-967
APPLICATION	
CABLE(S)	147 SERIES CABLE
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	310
CONNECTOR CODE SHEET 2	3H0

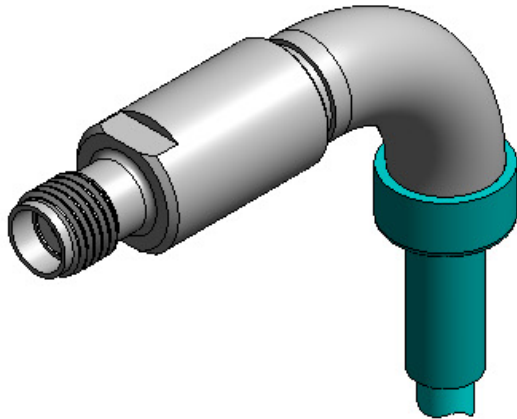
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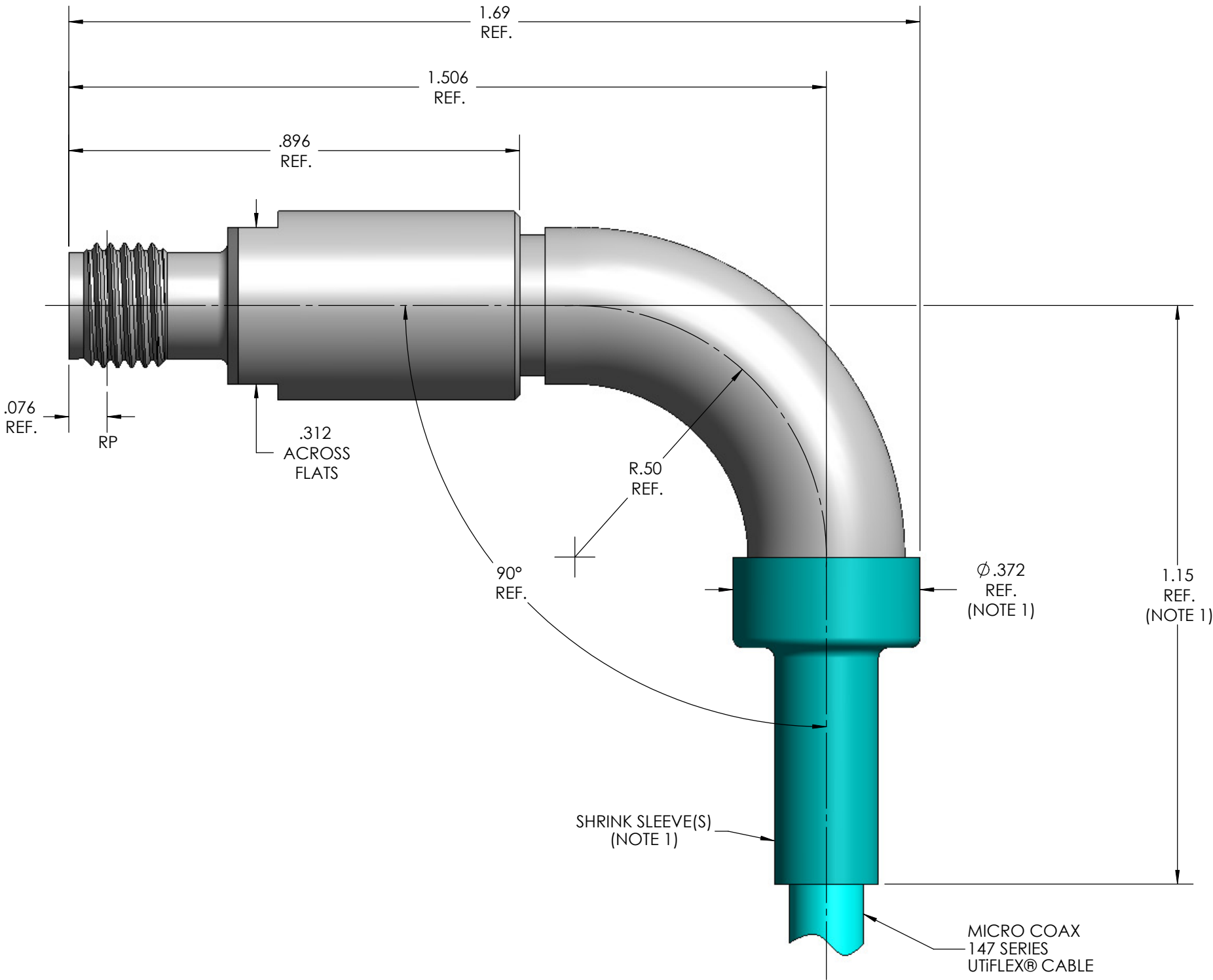
NOTES:

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.

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		DWN.	MJM	5/1/08							
		CHKD.	CCF	8/27/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		SMA JACK, 147 SERIES									
.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	3:1	1 OF 2	SD903035	A		
.XXX	± .0010										
ANGLES	± 2°										



ISOMETRIC VIEW
(SCALE 2:1)



NOTE:
1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND
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		DWN.	MJM	5/1/08					
		CHKD.	CCF	8/23/12					
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.XX	± .02	TITLE		SMA JACK, 90° ELBOW, 147 SERIES					
.XXX	± .005								
.XXXX	± .0010								
ANGLES	± 2°								
		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.		
		64639	B	3:1	2 OF 2	SD903035	A		