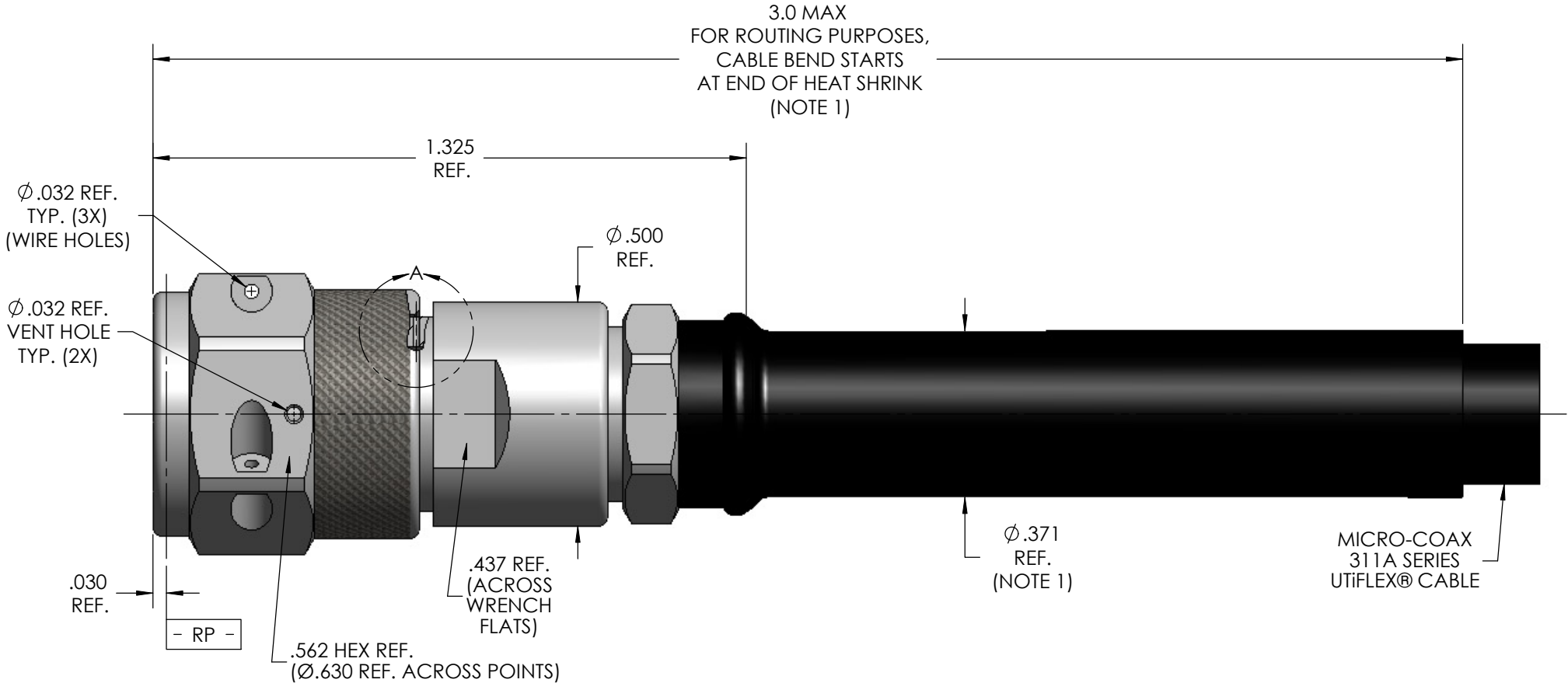
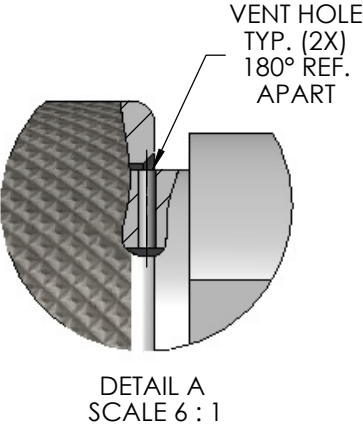
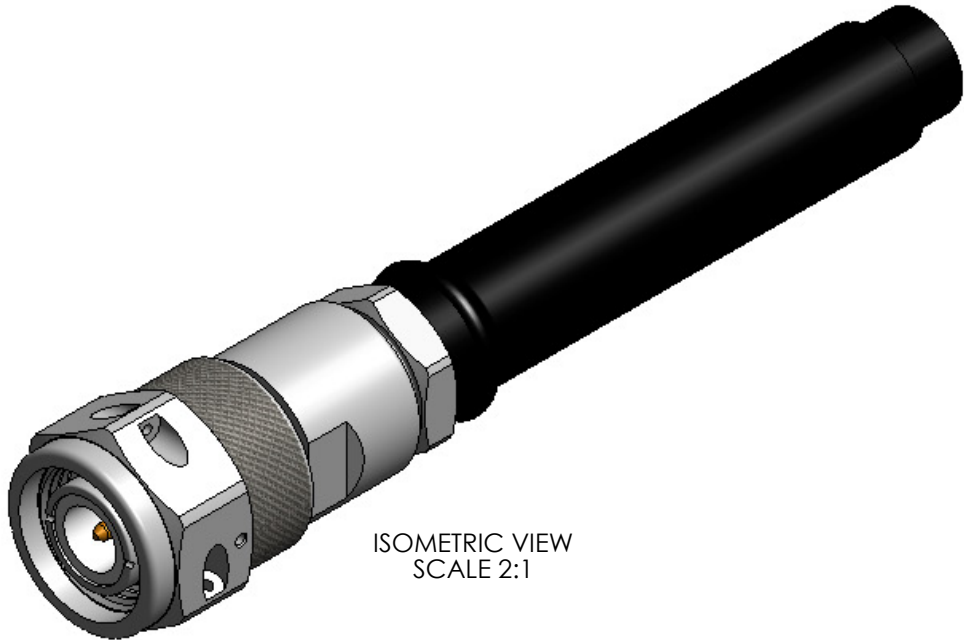


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/26 REF.
RECOMMENDED MATING TORQUE	15 IN-LBS. NOM.
COUPLING PROOF TORQUE	25 IN-LBS. MIN.
COUPLING NUT RETENTION	100 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	19.56 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	14.0 GHz
VSWR DC - 12.4 GHz	1.15:1MAX.
12.4GHz - 14 GHz	1.20:1 MAX.
INSERTION LOSS	0.04 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1775 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 14 GHz	-90 dB
CORONA	450 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1175 Vrms MIN.
CONTACT RESISTANCE (INNER)	1.5 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100°C TO 150°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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
COUPLING NUT, BODY & CLAMP NUT	STEEL, CORROSION RESISTANT PER, ASTM-A-582, PASSIVATE PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER PER ASTM-B-197
CONTACT RING, CONTACT	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC BEAD & DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	311A SERIES
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	A0V
CONNECTOR CODE SHEET 2	AQV

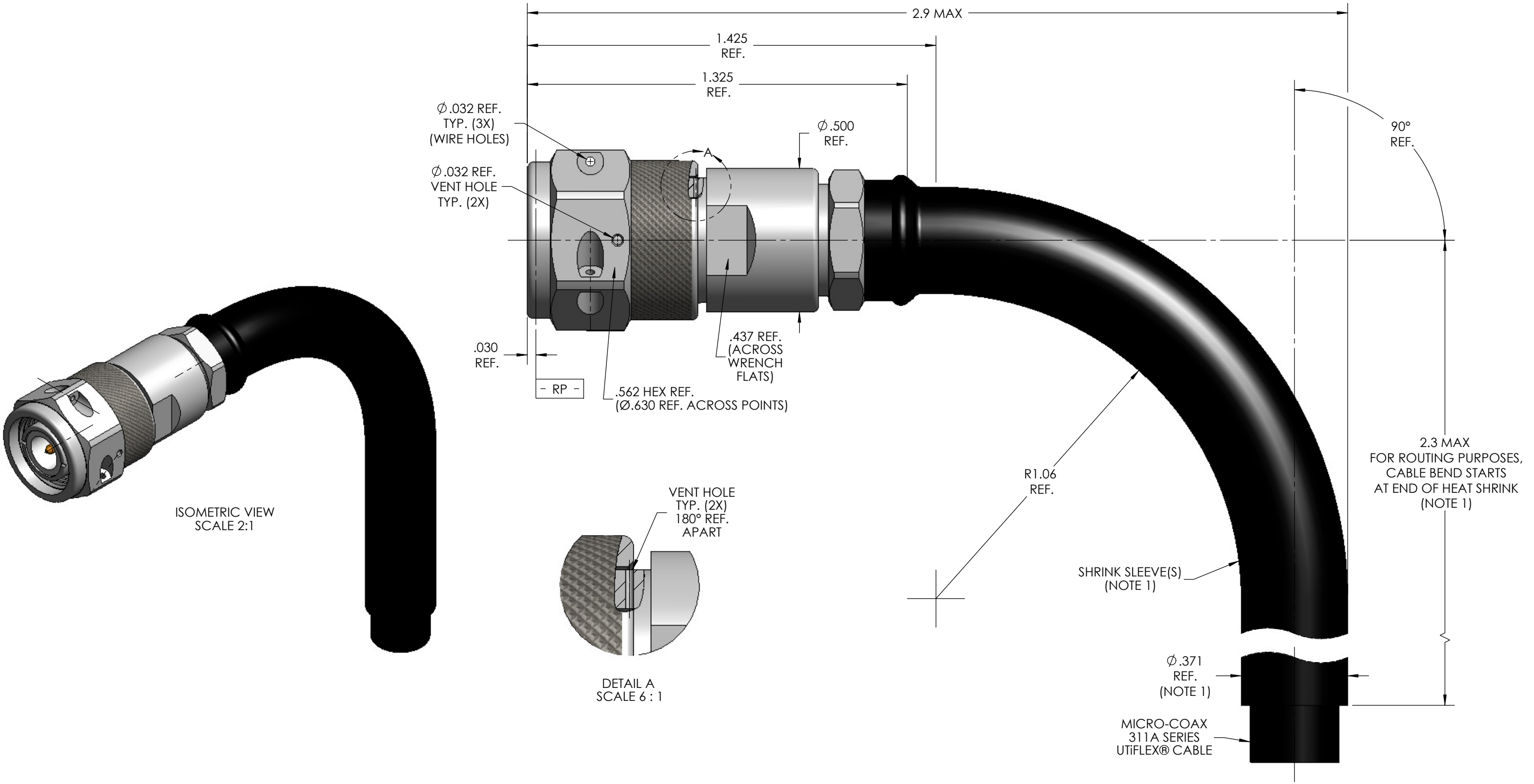
THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 905249-EM (EQUIPMENT MODEL).
3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

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		DWN.	MJM	1/28/13							
		CHKD.	CCF	03/08/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNC PLUG, VENT HOLES, SAFETY WIRE, 311A, SPACE GRADE									
.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	SD905249	B1
.XXXX	± .0010										
ANGLES	±2°										



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ALL DIMENSIONS AND TOLERANCES IN INCHES UNLESS OTHERWISE SPECIFIED.		INITIALS		DATE	MICRO-COAX PROVEN RELIABLE			
		DWN.	MJM	1/28/13				
		CHKD.	CCF	03/08/13				
.XX	± .02	APPVD.			TITLE TNC PLUG, VENT HOLES, SAFETY WIRE, HEAT SHRINK FORMED ELBOW, 311A SERIES, SPACE GRADE			
.XXX	± .005							
.XXXX	± .0010							
ANGLES	± 2°							
		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.	
		64639	B	3:1	2 OF 2	SD905249	B1	