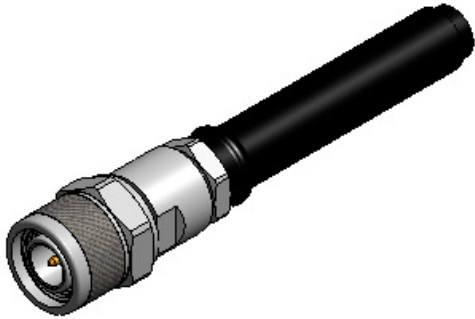
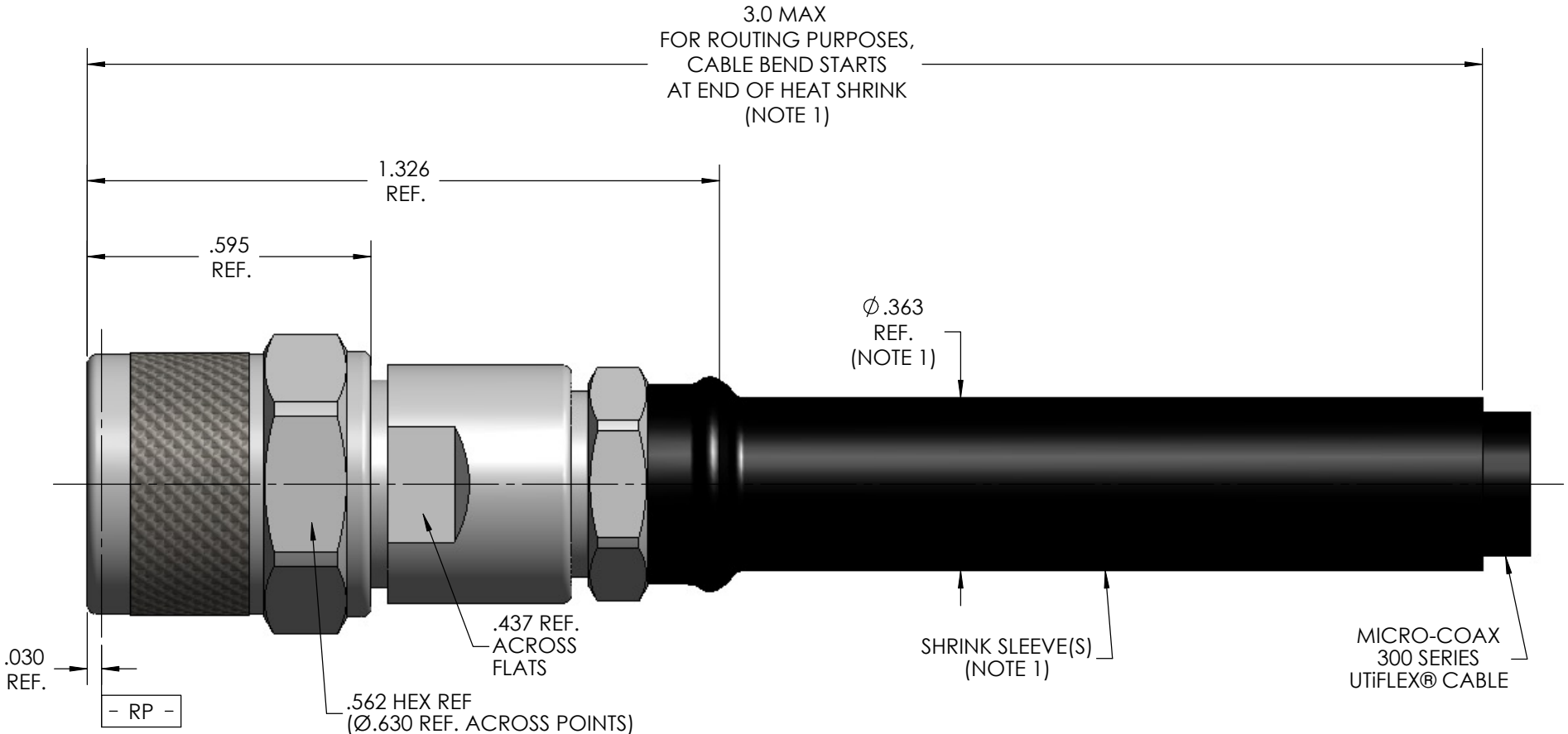


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-3
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	9 IN-LBS NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 IN-LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	20.12 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 12.4 GHz	1.15:1 MAX.
12.4 GHz - 18 GHz	1.20:1 MAX.
INSERTION LOSS	0.04 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1650 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB
CORONA	420 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1100 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100 °C TO 150 °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	
CLAMP NUT, COUPLING NUT, BODY	STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
CONTACT & CONTACT RING	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR, DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
APPLICATION	
CABLE(S)	300 SERIES CABLE
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	60U
CONNECTOR CODE SHEET 2	6QU

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ISOMETRIC VIEW
SCALE 1:1



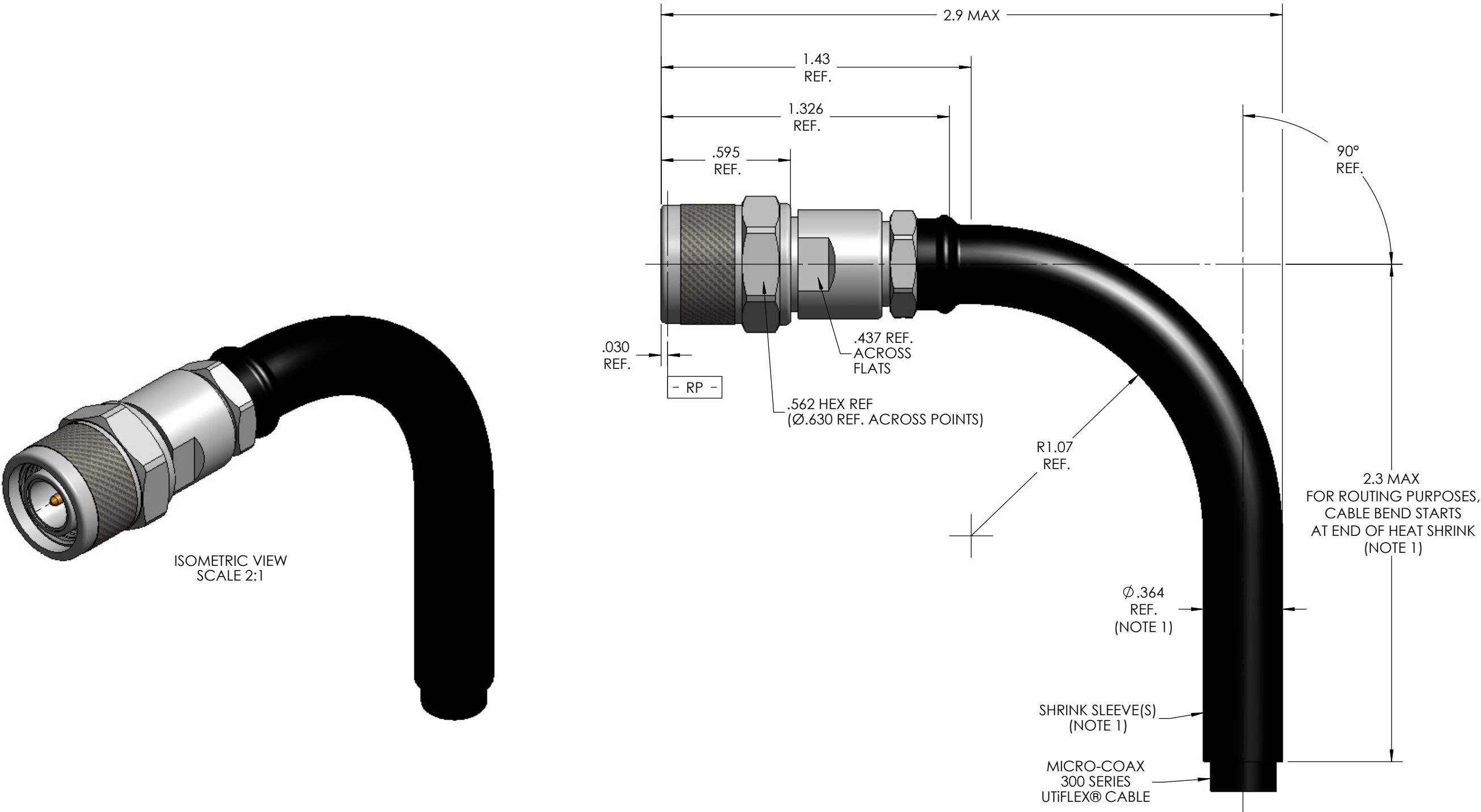
NOTE:

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 905009-EM (EQUIPMENT MODEL).
3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	ECO 115060	2/1/2011	MJM	RS	CCF
B	ECO 115440	7/25/2011	MJM	RS	CCF
C	ECO 115525	9/1/2011	MJM	RS	CCF
D	ECO 135033	1/25/2013	MJM	RS	CCF

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		DWN.	MJM	8/6/09						
		CHKD.	CCF	1/30/13						
		APPVD.								
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE		TNCA PLUG, 300X, 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	SD905009	D	
.XXXX	± .0010									
ANGLES	±5°									



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

ALL DIMENSIONS AND TOLERANCES IN INCHES UNLESS OTHERWISE SPECIFIED.		INITIALS		DATE		MICRO-COAX [®] <i>Leading the way in transmission line solutions.</i> <i>Copyright Micro-Coax, Inc.</i>			
		DWN.	MJM	8/6/09					
		CHKD.	CCF	1/30/13					
		APPVD.							
.XX	± .02	TITLE		TNCA PLUG, HEAT SHRINK FORMED ELBOW, 300X, SPACE GRADE					
.XXX	± .005								
.XXXX	± .0010								
ANGLES	± 5°								
				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.
				64639	B	3:1	2 OF 2	SD905009	D