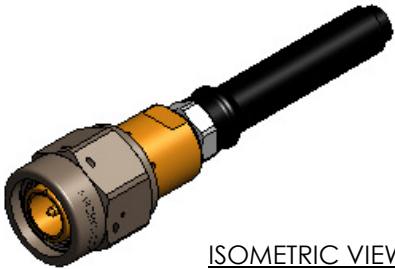
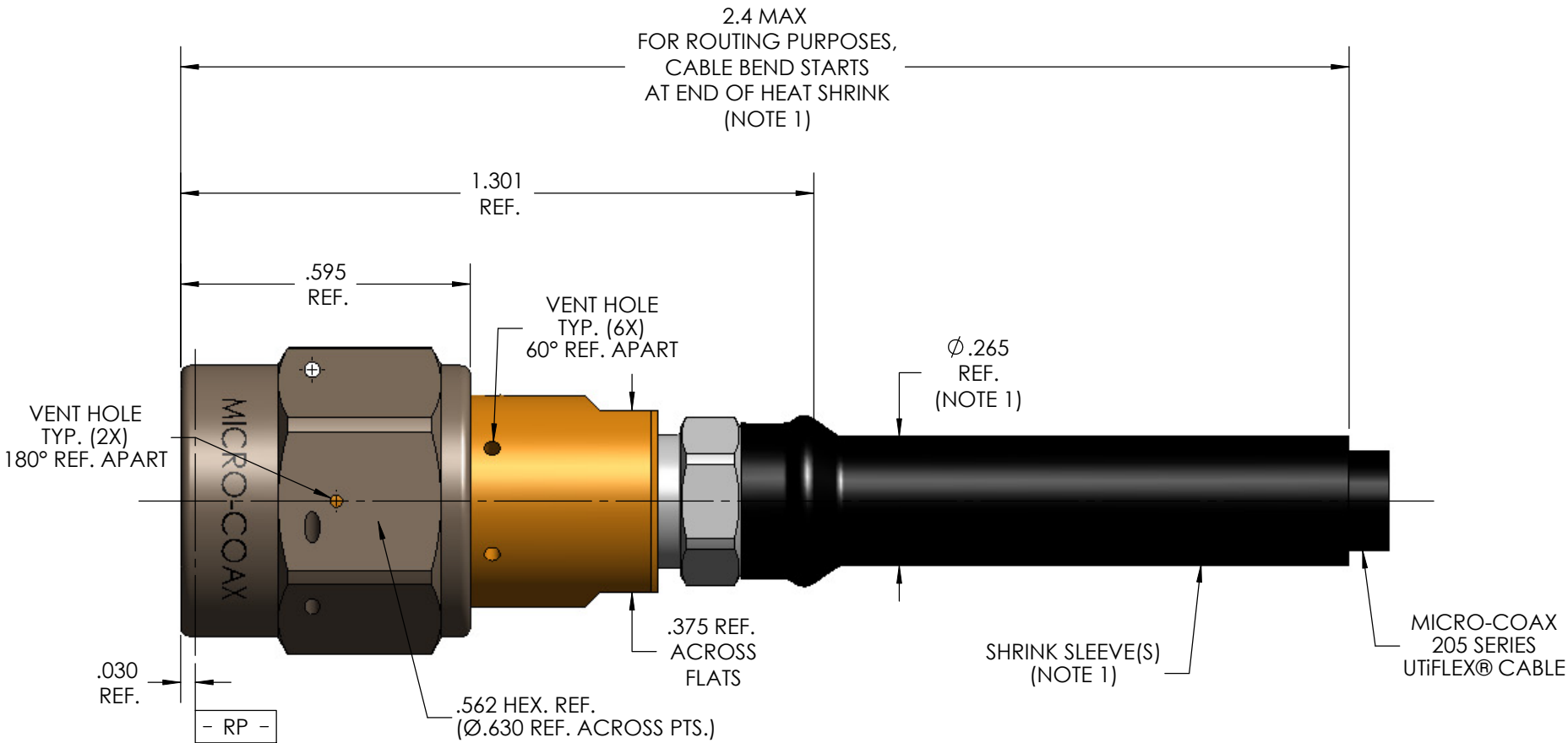


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-3
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	9 IN-LBS NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 IN-LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	14.85 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	1175 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-80 dB
CORONA	300 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	775 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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
COUPLING NUT	ALUMINUM ALLOY, PER ASTM-B-221, HARD COAT ANODIZE PER MIL-A-8625
CLAMP NUT	STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
BODY	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED ASTM-B488, TYPE II, CODE C, COPPER PLATE ASTM-B734
INSULATOR, DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT & CONTACT RING	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
APPLICATION	
CABLE(S)	205 SERIES
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	60V
CONNECTOR CODE SHEET 2	6QV

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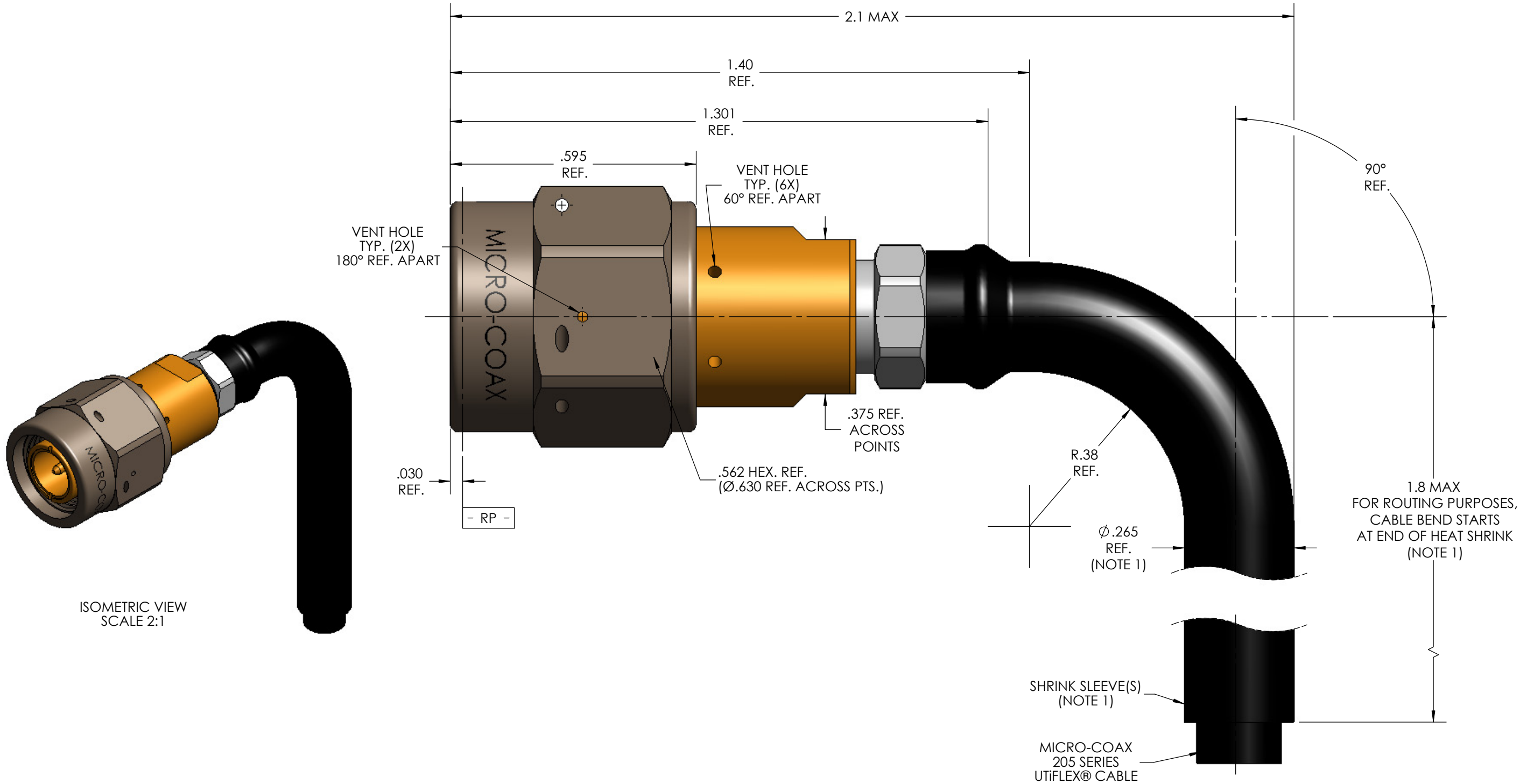
ISOMETRIC VIEW
SCALE 1:1



NOTE(S):

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 904462-EM (EQUIPMENT MODEL).
3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

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		DWN.	SRS	11/18/05							
		CHKD.	CCF	1/18/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNCA PLUG, 205 SERIES, HIGH POWER, ANTI-MULTIPACTION, SPACE GRADE									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 3:1	SHEET NO. 1 OF 2	DRAWING NO. SD904462	REV F1		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										



NOTE:
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		<div>MICRO-COAX</div> <div>PROVEN RELIABLE</div>				
		DWN.	SRS	11/18/05						
		CHKD.	CCF	1/18/13						
		APPVD.								
.XX	± .02	TITLE				TNCA PLUG, 205 SERIES, HEAT SHRINK FORMED ELBOW, HIGH POWER, ANTI-MULTIPLICATION, SPACE GRADE				
.XXX	± .005									
.XXXX	± .0010									
ANGLES	± 2°									
				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.	
				64639	B	4:1	2 OF 2	SD904462	F1	