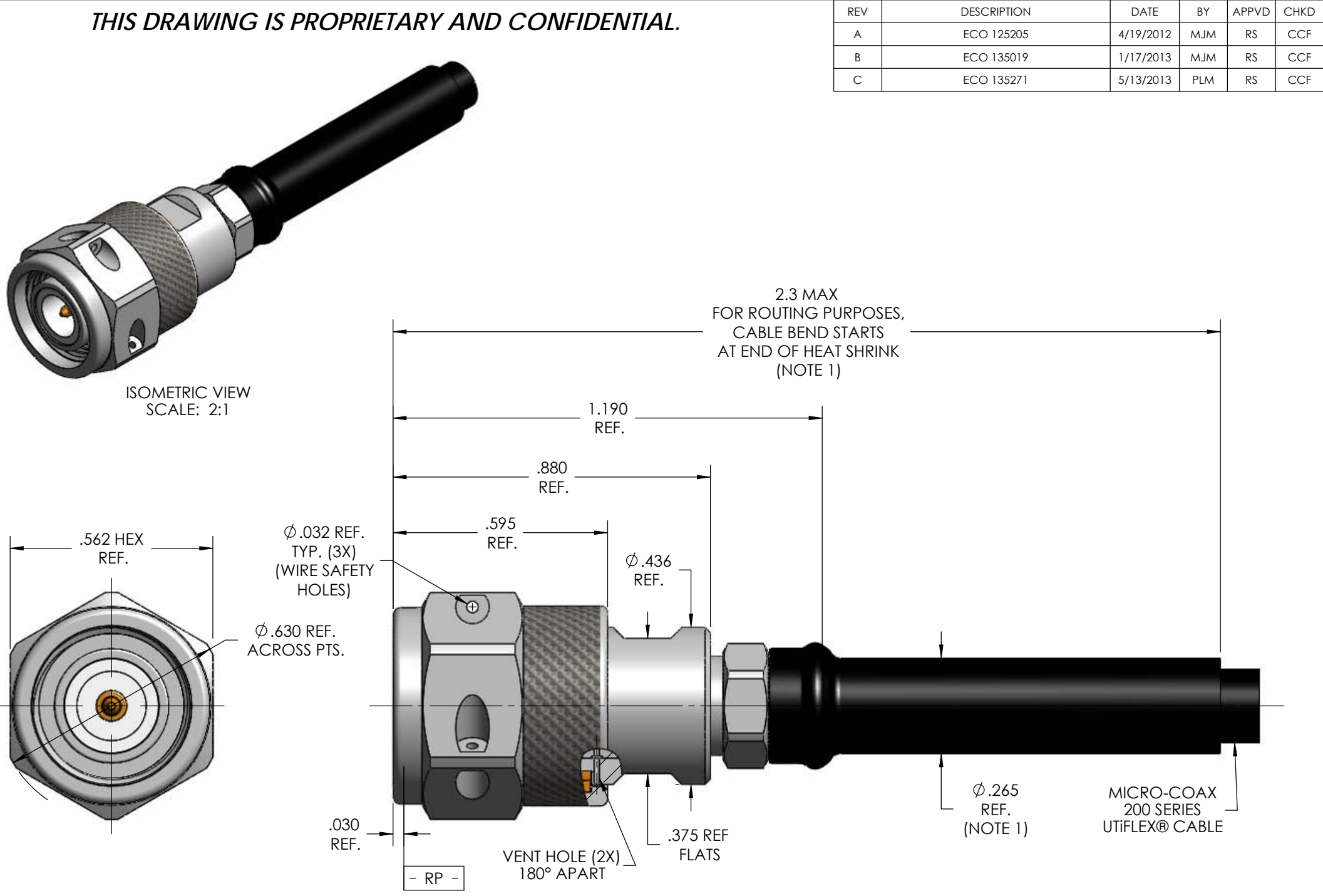


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/26 REF.
RECOMMENDED MATING TORQUE	20 IN-LBS. NOM.
COUPLING PROOF TORQUE	25 IN-LBS. MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	17.11 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	14 GHz
VSWR DC - 12.4 GHz	1.15:1MAX.
12.4 - 14 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 - 15 GHz	-90 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 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	
BODY, BUSHING, COUPLING NUT, CLAMP NUT	STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER PER ASTM-B-197
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
CONTACT & CONTACT RING	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD(S)	POLYPHENYLENE SULFIDE PER ASTM-D-6358
APPLICATION	
CABLE(S)	200 SERIES CABLE
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	A0V
CONNECTOR CODE SHEET 2	AQV



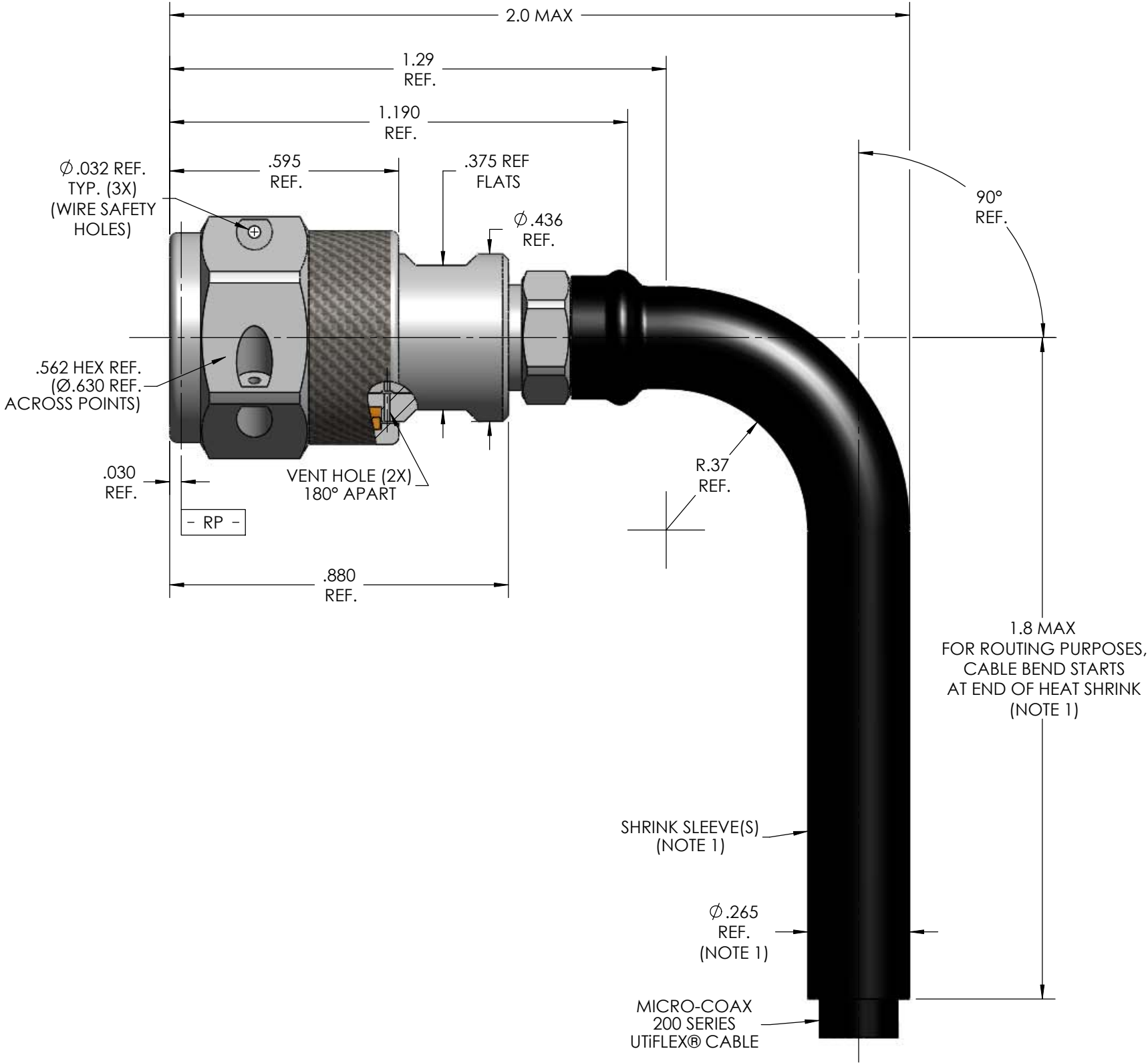
NOTE:

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 905093-EM (EQUIPMENT MODEL).
3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

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	DWN.	PLM	11/02/10									
	CHKD.	CCF	1/22/13									
	APPVD.											
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE									
			TNC PLUG, WIRE HOLES, VENTED, 200 SERIES, 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	SD905093	C
.XXXX ± .0010												
ANGLES ±2°												



ISOMETRIC VIEW
SCALE: 2:1



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		DWN.	PLM	11/02/10					
		CHKD.	CCF	1/22/13					
		APPVD.							
.XX	± .02	TITLE		TNC PLUG, WIRE HOLES, VENTED, HEAT SHRINK FORMED ELBOW, 200 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	SD905093	C