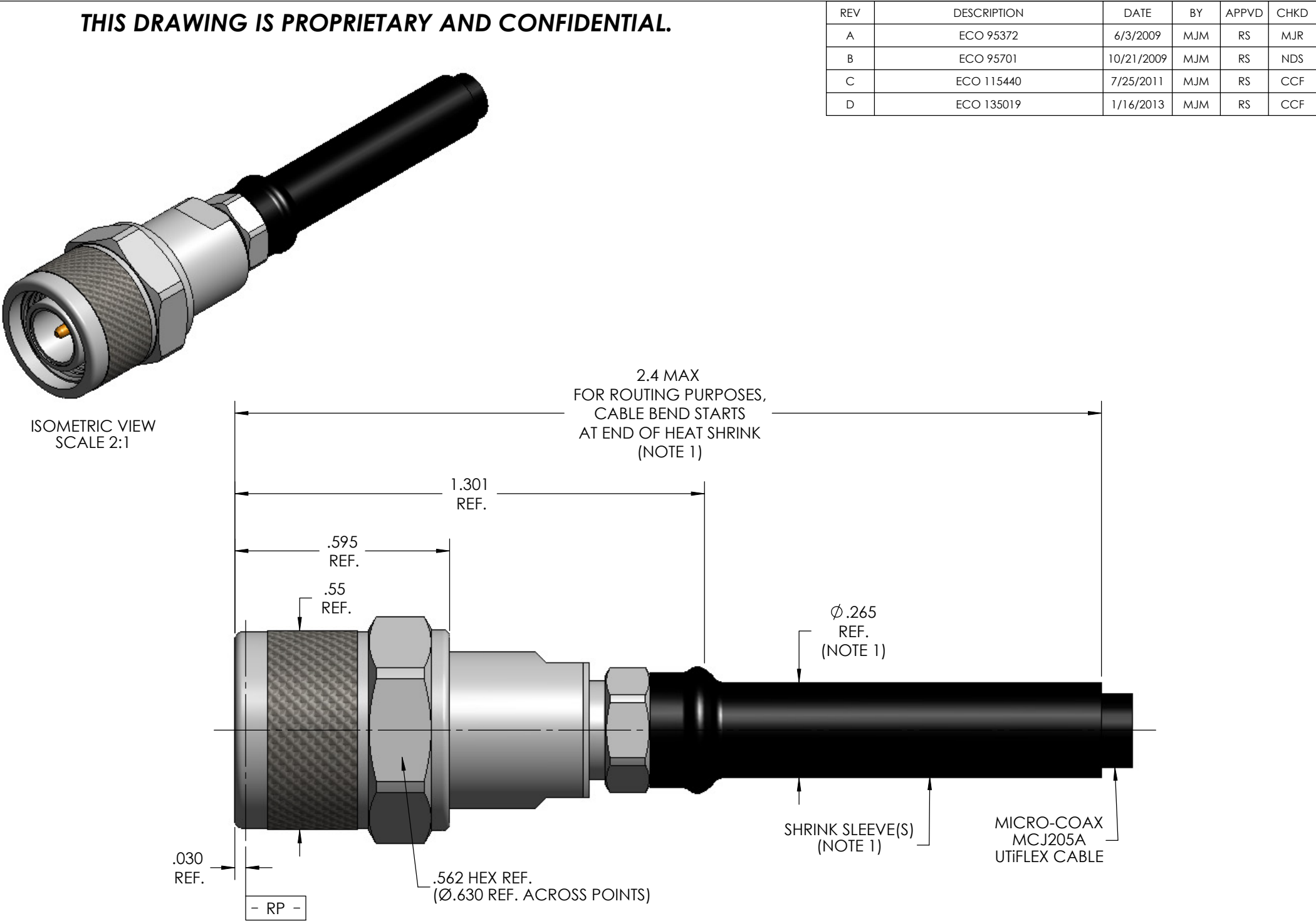


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-3
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	9 IN-LBS NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 IN-LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	19.22 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	-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 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	
BODY, CLAMP NUT, & COUPLING NUT	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)	MCJ205A
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	60U
CONNECTOR CODE SHEET 2	6QU



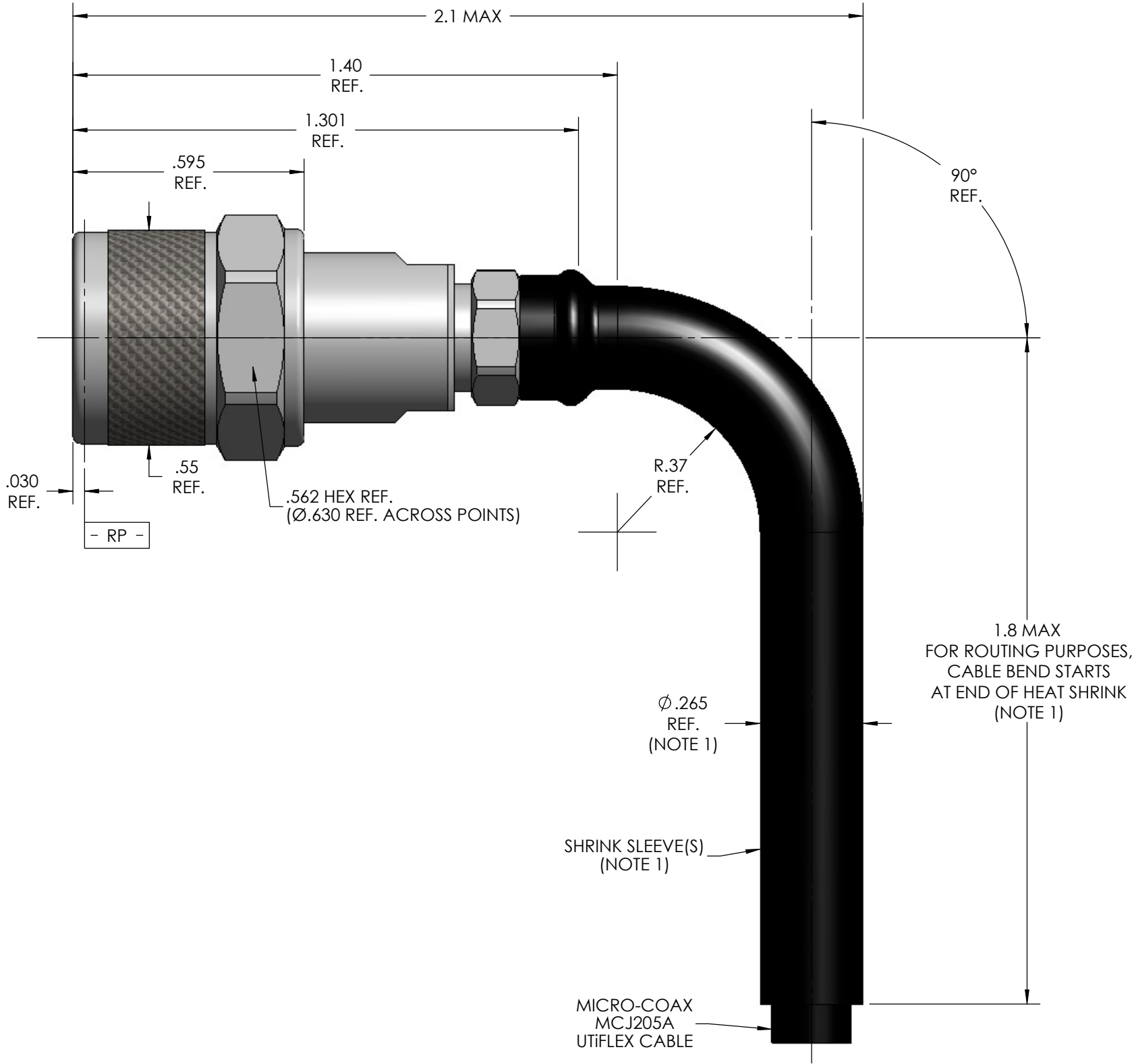
NOTE:

- MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904987-EM (EQUIPMENT MODEL).
- SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

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		DWN.	MJM	5/26/09							
		CHKD.	CCF	1/23/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE		TNCA PLUG, SPACE GRADE, MCJ205A							
.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	SD904987	D		
.XXXX	± .0010										
ANGLES	± 2°										



ISOMETRIC VIEW  
SCALE 2:1



NOTE:  
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		DWN.	MJM	5/26/09					
		CHKD.	CCF	1/23/13					
		APPVD.							
.XX	± .02	TITLE		TNCA PLUG, HEAT SHRINK FORMED ELBOW, SPACE GRADE, MCJ205A					
.XXX	± .005								
.XXXX	± .0010								
ANGLES	± 2°								
				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.
				64639	B	3:1	2 OF 2	SD904987	D