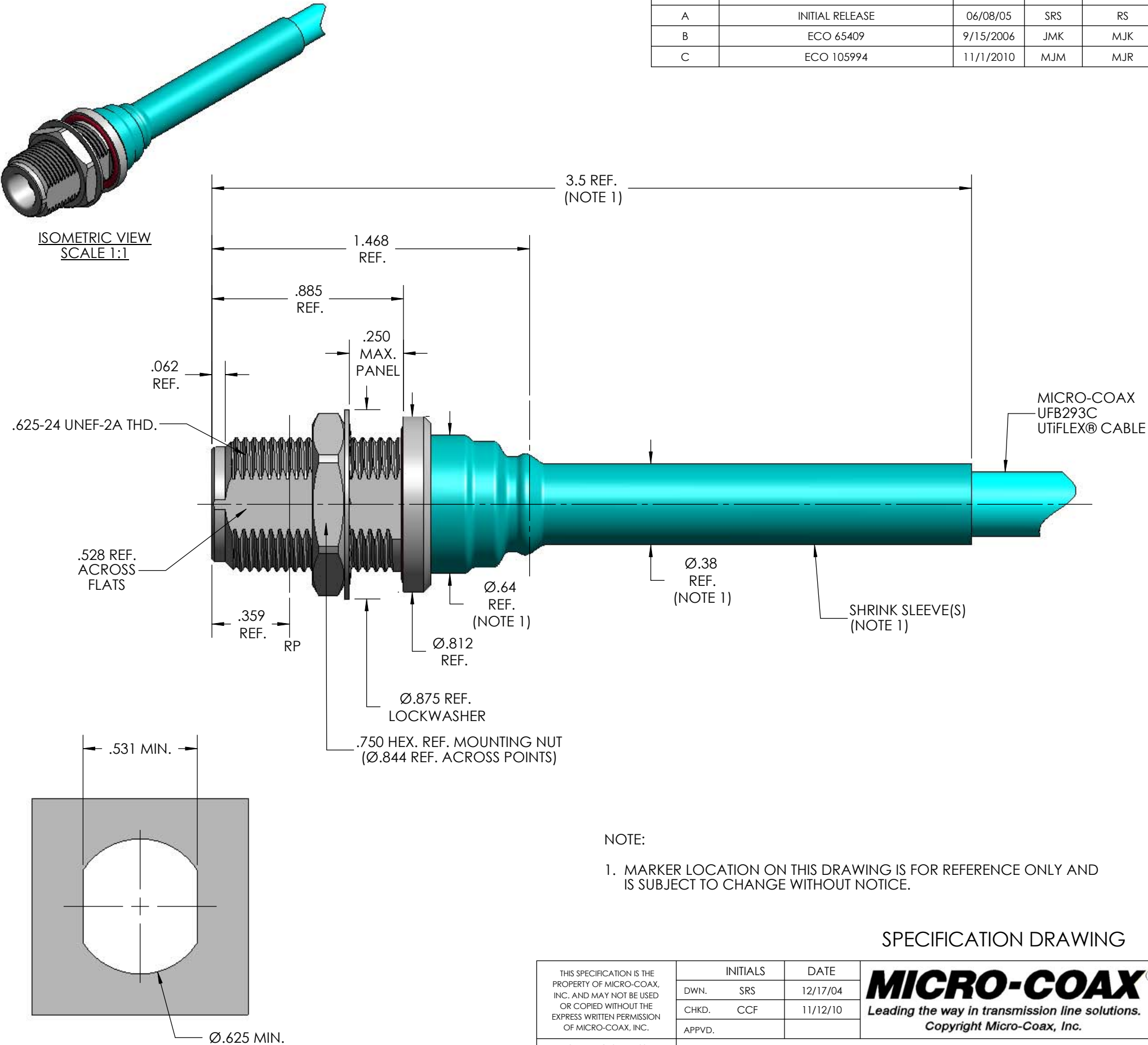


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 304-2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287/D3 REF.
RECOMMENDED MATING TORQUE	20 IN-LBS. NOM.
FORCE TO ENGAGE	6 IN-LBS. MAX.
FORCE TO DISENGAGE	6 IN-LBS. MIN.
CONTACT CAPTIVATION (BOTH DIRECTIONS)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CENTER CONTACT INSERTION FORCE (INTERFACE)	2 LBS. MAX.
CENTER CONTACT WITHDRAW FORCE (INTERFACE)	2 OZ. MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	39.22 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1MAX.
INSERTION LOSS	0.045 $\sqrt{f}$ (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1650 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	420 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1100 Vrms MIN.
CONTACT RESISTANCE (INNER)	1.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55°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
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT & FLEA	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
BODY, CLAMP NUT, LOCK NUT & SLEEVE	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205
DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
LOCK WASHER	302 STAINLESS STEEL, PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER ZZ-R-765
APPLICATION	
CABLE(S)	UFB293C
INSTALLATION	PER CONFIGURATOR



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		DWN.	SRS	12/17/04							
		CHKD.	CCF	11/12/10							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		N JACK, BULKHEAD, PRECISION, UFB293C CABLE									
.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 2:1	SHEET NO. 1 OF 1	DRAWING NO. SD904225	REV C		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										