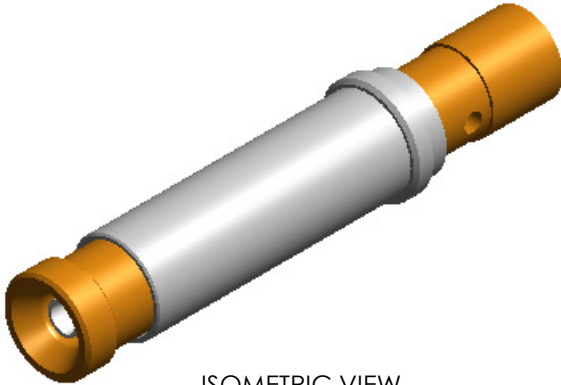
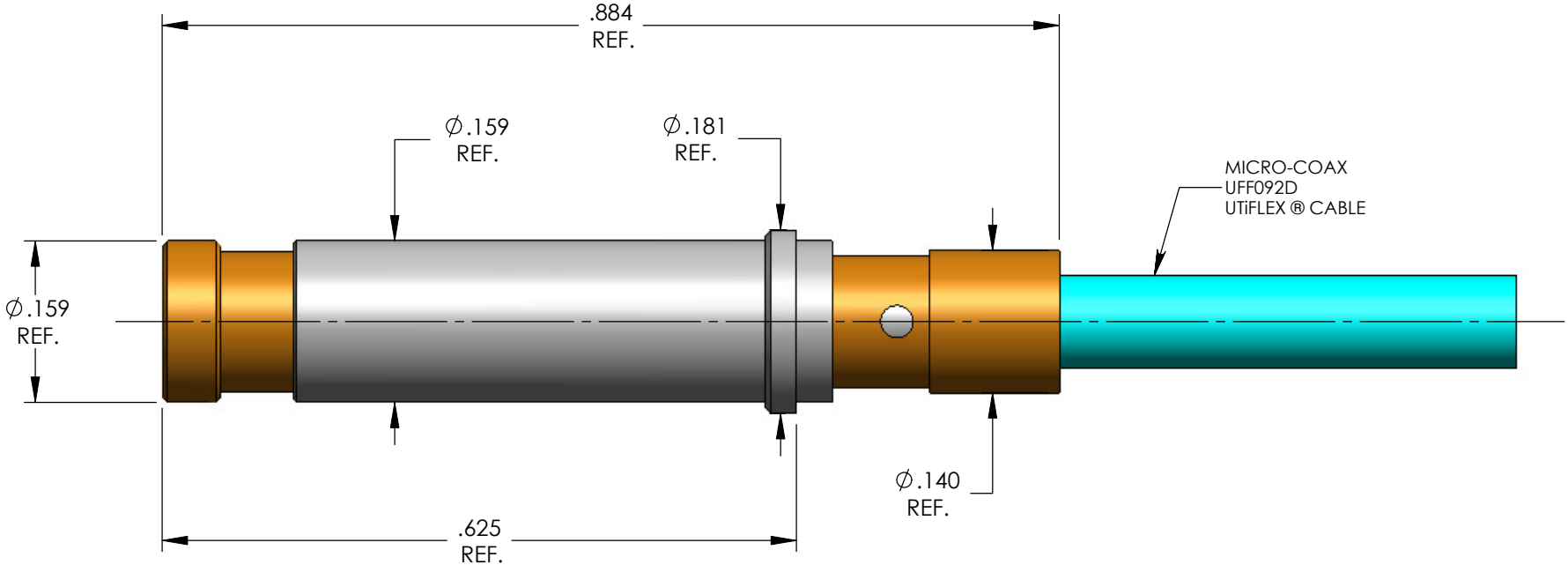


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-15833
SLANT SHEET	N/A
FLOAT MOUNT TRAVEL (AXIAL)	0.060 MIN. TRAVEL
FLOAT MOUNT SPRING FORCE MIN.	1.6 LBS.
FLOAT MOUNT SPRING FORCE MAX.	4.2 LBS.
FORCE TO ENGAGE	1.5 LBS. MAX.
INTERFACE DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	10LBS. MIN.
MASS	MASS = 1.39 GRAMS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 18 GHz	1.14:1 MAX.
18 GHz - 24 GHz	1.17:1 MAX.
24 GHz - 40 GHz	1.25:1 MAX.
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	625 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 4 GHz	-80 dB MIN.
4 - 8 GHz	-70 dB MIN.
8 - 12 GHz	-65 dB MIN.
12 - 18 GHz	-60 dB MIN.
CORONA	160 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	425 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65 °C TO 165 °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 F
MOISTURE RESISTANCE	N/A
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
FLOAT MOUNT HOUSING	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
SPRING	STEEL, CORROSION RESISTANT, NON-MAGNETIC, 17-7 PH SS COND. C (CH-900) PER AMS 5678, PASSIVATED PER ASTM-A-967
CONTACT, BODY, FRONT BODY, & REAR BODY	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD, DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS) PER ASTM-D-6358
INSULATOR	TFEFLUORCARBON PER ASTM-D-1710
APPLICATION	
CABLE(S)	UFF092D
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 4:1



SPECIFICATION DRAWING

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	DWN.	JMK	7/30/03									
	CHKD.	CCF	1/4/11									
	APPVD.											
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE									
.XX ± .02			# 12 38999 SOCKET, UFF092D									
.XXX ± .005			ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 8:1	SHEET NO. 1 OF 1	DRAWING NO. SD903883	REV D		
.XXXX ± .0010												
ANGLES ± 2°												

NOTE:

1. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 903883-1.