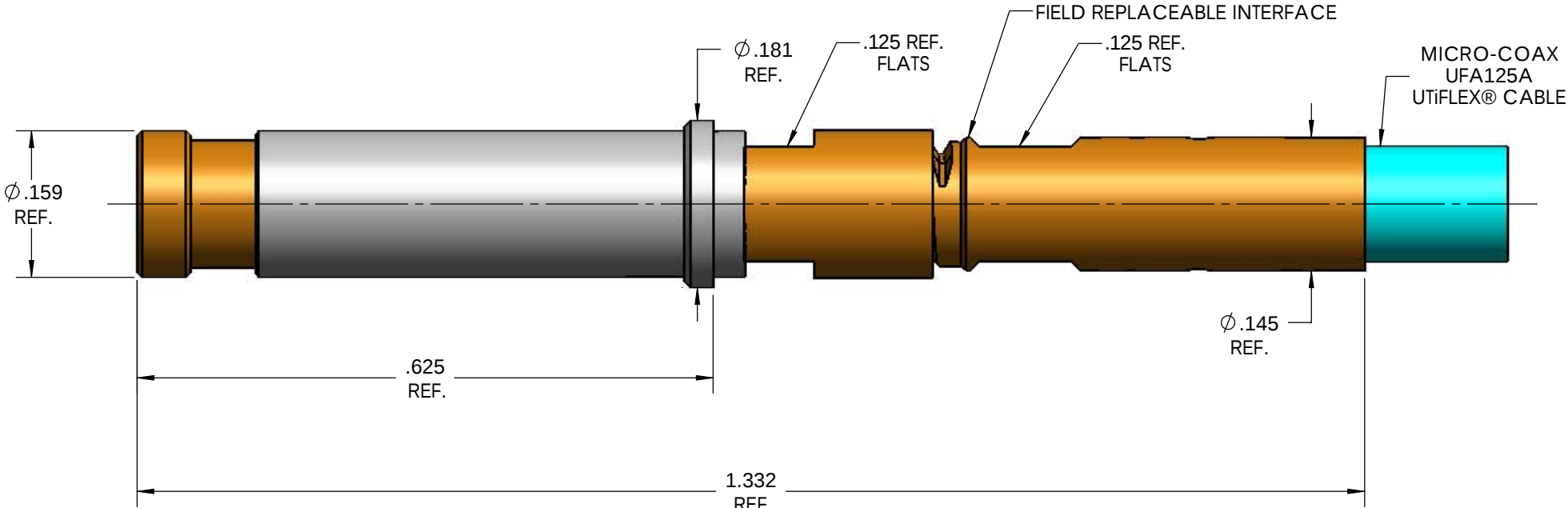
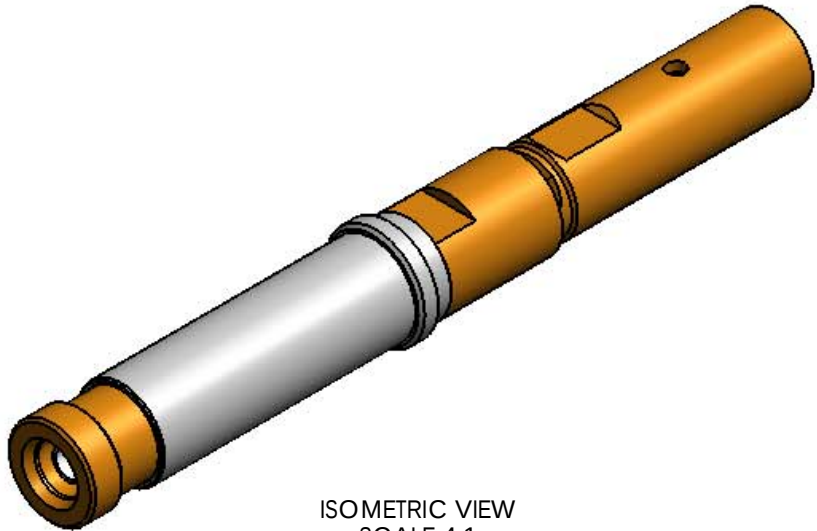


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DWG. A-15833
FLOAT MOUNT TRAVEL (AXIAL)	.060 MIN TRAVEL
FLOAT MOUNT SPRING FORCE MIN	1.6 LBS.
FLOAT MOUNT SPRING FORCE MAX	4.2 LBS.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6.0 LBS. MIN..
AXIAL CONTACT RETENTION (FROM CABLE)	6.0 LBS. MIN..
FORCE TO ENGAGE	1.5 LBS. MAX.
CABLE RETENTION	15 LBS. MIN.
MASS	2.01 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 24 GHz	1.21:1 MAX.
24 - 40 GHz	TBS
INSERTION LOSS	0.05 √F(GHz) dB MIN.
DIELECTRIC WITHSTANDING VOLTAGE	625 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC-40GHz	TBS
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%
MATERIAL AND FINISH	
FLOAT MOUNT HOUSING	STEEL CORROSION RESISTANT, CONDITION A. NON-MAGNETIC PER ASTM-A-582 UNS NO S30300, PASSIVATE PER ASTM-A-967.
SPRING	STEEL, CORROSION RESISTANT, NON-MAGNETIC, COND. C (CH-900), 17-7 PH SS, PER AMS 5678, PASSIVATED PER ASTM-A-967
CONTACTS, BODIES, SLEEVES	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196. GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
DIEL BEADS	POLYPHENYLENE SULFIDE (PPS) PER ASTM-D-6358
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710.
APPLICATION	
CABLE(S)	UFA125A
INSTALLATION	PER CONFIGURATOR

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		DWN.	JMK	1/30/04							
		CHKD.	CCF	12/7/10							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		#12 38999 SOCKET, FIELD REPLACEABLE HEAD, UFA125A CABLE									
.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	6:1	1 OF 1	SD903998	E1
.XXXX	± .0010										
ANGLES	± 2°										