

MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DWG. A-15834
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	10 LBS. MIN.
MASS	1.18 GRAMS NOM.

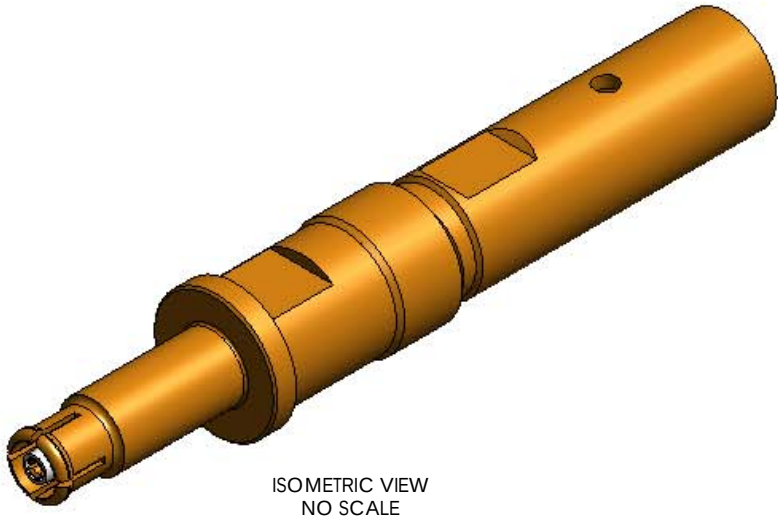
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 24 GHz	1.21:1 MAX.
24 - 40 GHz	TBS
INSERTION LOSS	0.05 √F(GHz) dB MIN.
DIELECTRIC WITHSTANDING VOLTAGE	750 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC-40GHz	TBS
CORONA	200 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	500 Vrms. MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.

ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55°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%

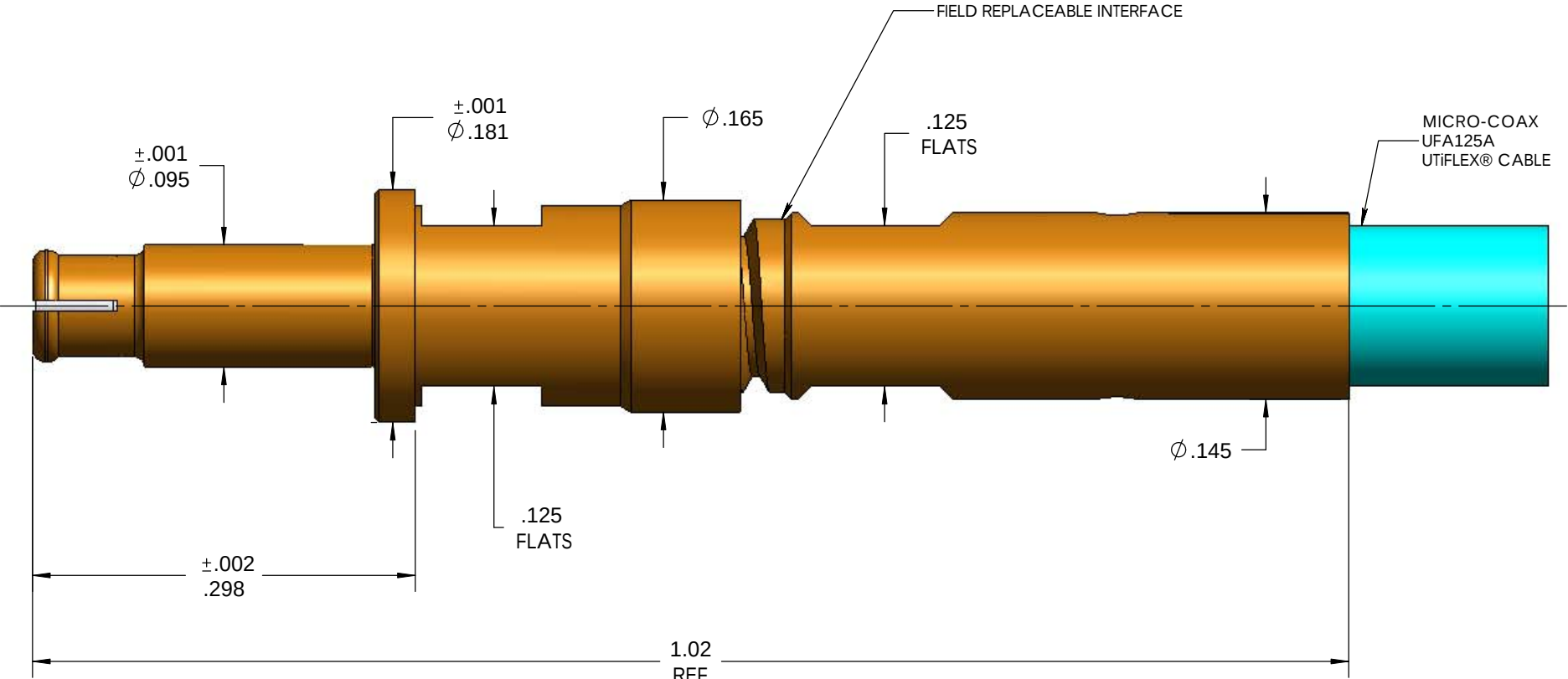
MATERIAL AND FINISH	
CONTACTS, BODIES, SLEEVE	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196. GOLD PLATE PER MIL-DTL-45204, 50 MICROINCHES MIN., OVER NICKEL PLATE PER AMS-QQ-N-290, 50 MICROINCHES MIN.
DIELECTRIC BEADS	POLYPHENYLENE SULFIDE (PPS) PER ASTM-D-6358
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710.

APPLICATION	
CABLE(S)	UFA125A
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
NO SCALE



SPECIFICATION DRAWING

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	DWN.	JMK	1/30/04							
	CHKD.	JM	4/14/08							
	APPVD.	RS	4/14/08							
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE							
			#12 38999 PIN CONTACT, UFA125A 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 6:1	SHEET NO. 1 OF 1	DRAWING NO. SD903999	REV D
.XXX	± .005									
.XXXX	± .0010									
ANGLES	± 2°									