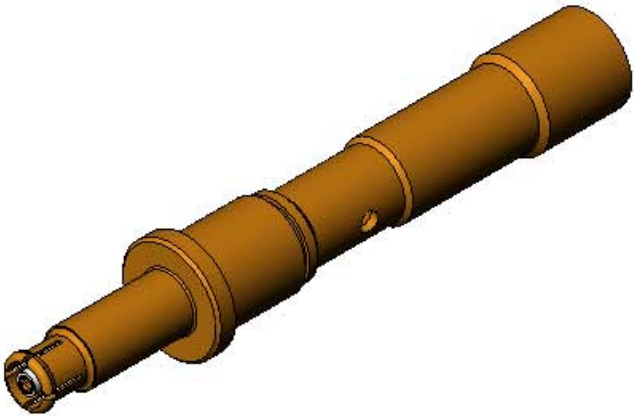
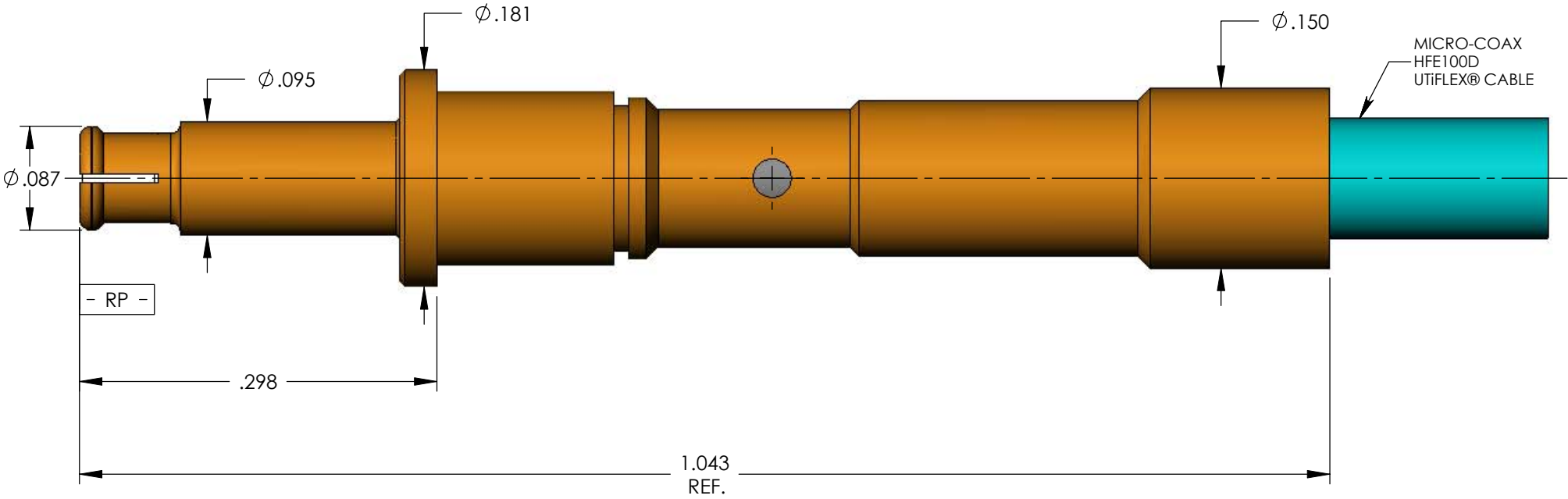


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-15834
SLANT SHEET	N/A
FORCE TO ENGAGE	1.5 LBS. MAX.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	10 LBS. MIN.
MASS	0.93 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.04 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	750 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-TBS dB MIN.
CORONA	180 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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT & BODIES	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
INSULATOR	TFE FLUORCARBON PER ASTM-D-1710
DIELECTRIC BEADS	POLYPHENYLENE SULFIDE (PPS) PER ASTM-D-6358
APPLICATION	
CABLE(S)	HFE100D
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 4:1



SPECIFICATION DRAWING

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		DWN.	JMK	10/1/03							
		CHKD.	MJM	4/18/08							
		APPVD.	RS	4/18/08							
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		#12 38999 PIN CONTACT, HFE100D									
.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 8:1	SHEET NO. 1 OF 1	DRAWING NO. SD904030	REV C1		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										