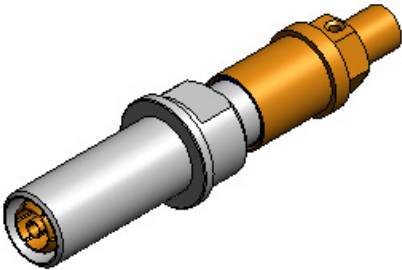
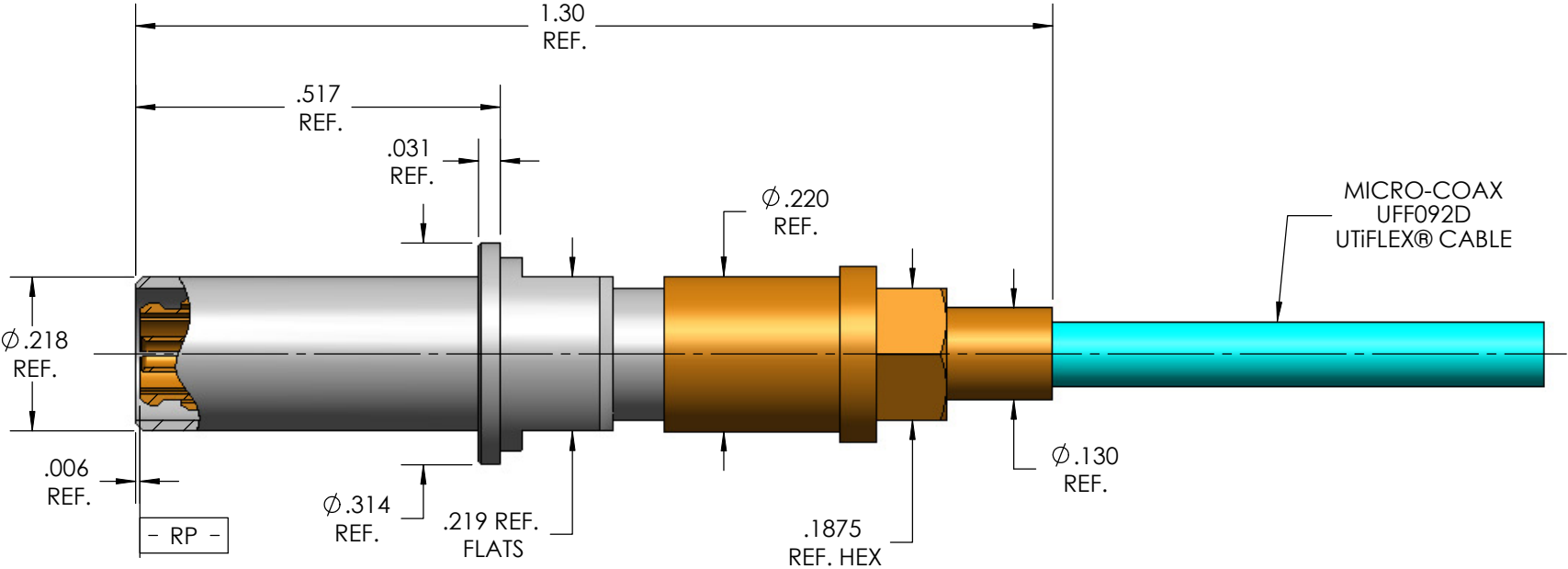


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-16114
SLANT SHEET	N/A
FORCE TO ENGAGE	2.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	15 LBS MIN.
MASS	4.40 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	525 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-70 dB MIN.
CORONA	140 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	350 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-56 °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	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
FRONT BODY & REAR SLEEVE	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
SPRING FINGER BODY, CONTACT, EMI RING, & REAR BODY	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
GASKET	FLURORSILICONE RUBBER PER MIL-R-25988
INSULATOR	TFE FLUORCARBON PER ASTM-D-1710
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
APPLICATION	
CABLE(S)	092D SERIES
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



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		DWN.	JMK	2/20/04							
		CHKD.	CCF	5/13/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		38999 #8 PIN, 092D 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	4:1	1 OF 1	SD904495	B		
.XXXX	± .0010										
ANGLES	± 2°										