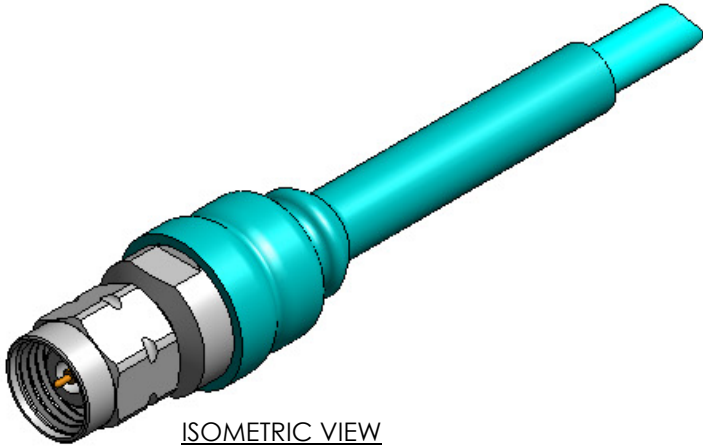
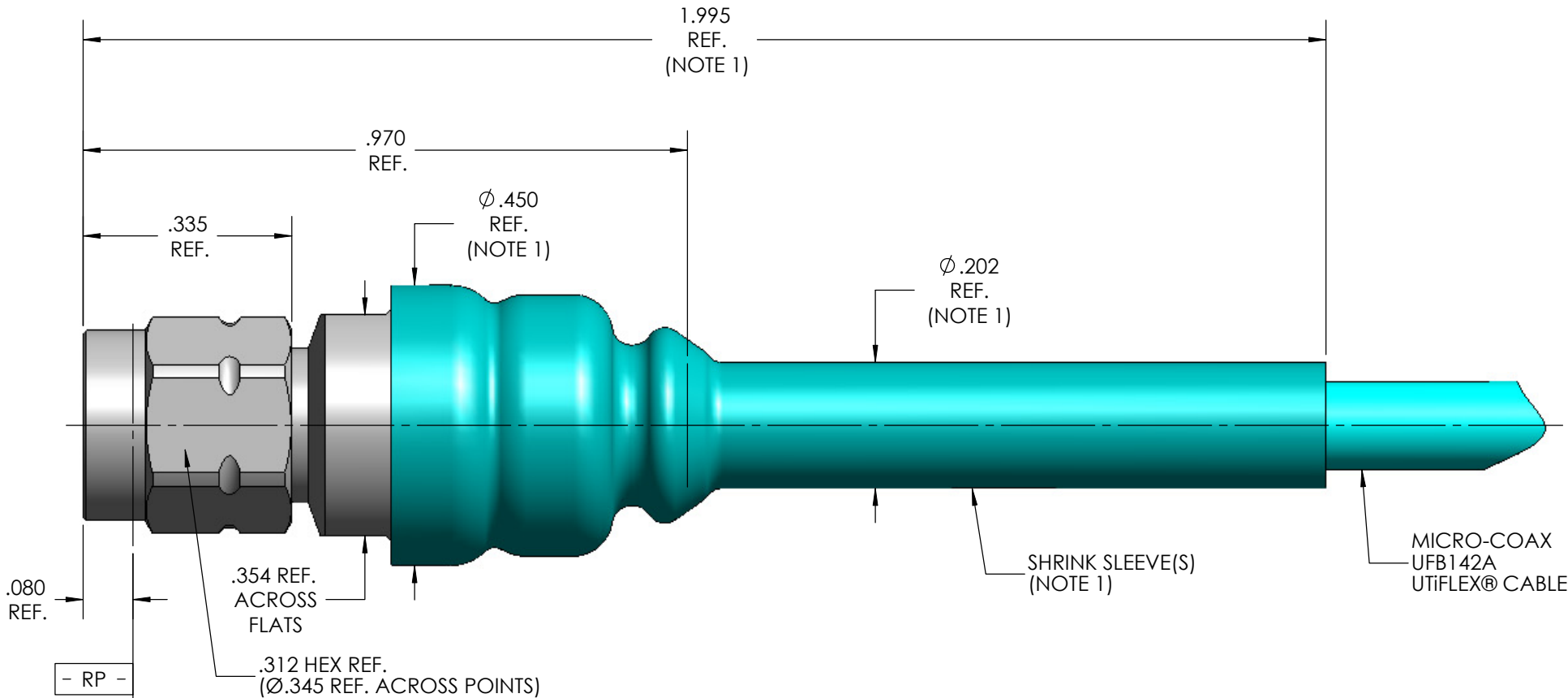


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-18557
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287 REF.
RECOMMENDED MATING TORQUE	9.0 IN-LBS. NOM.
COUPLING NUT PROOF TORQUE	15.0 IN-LBS. MAX.
COUPLING NUT RETENTION	60.0 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6.0 LBS. MAX.
AXIAL CONTACT RETENTION (FROM CABLE)	6.0 LBS. MAX.
CABLE RETENTION	15 LBS. MIN.
MASS	7.02 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDENCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 18 GHz	1.16:1MAX.
18 GHz - 40 GHz	1.22:1 MAX
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	675 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	180 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	450 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55 °C TO 150 °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 B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER QQ-N-290.
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
BODY, FRONT BODY, CLAMP NUT, & COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582; UNS NO. S30300, PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER ZZ-R-765
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
APPLICATION	
CABLE(S)	UFB142A CABLE
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



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		DWN.	MJM	10/31/08							
		CHKD.	MJM	6/17/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		2.4mm PLUG, UFB142A 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	SD903696		B	
.XXXX	± .0010										
ANGLES	± 2°										

NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.