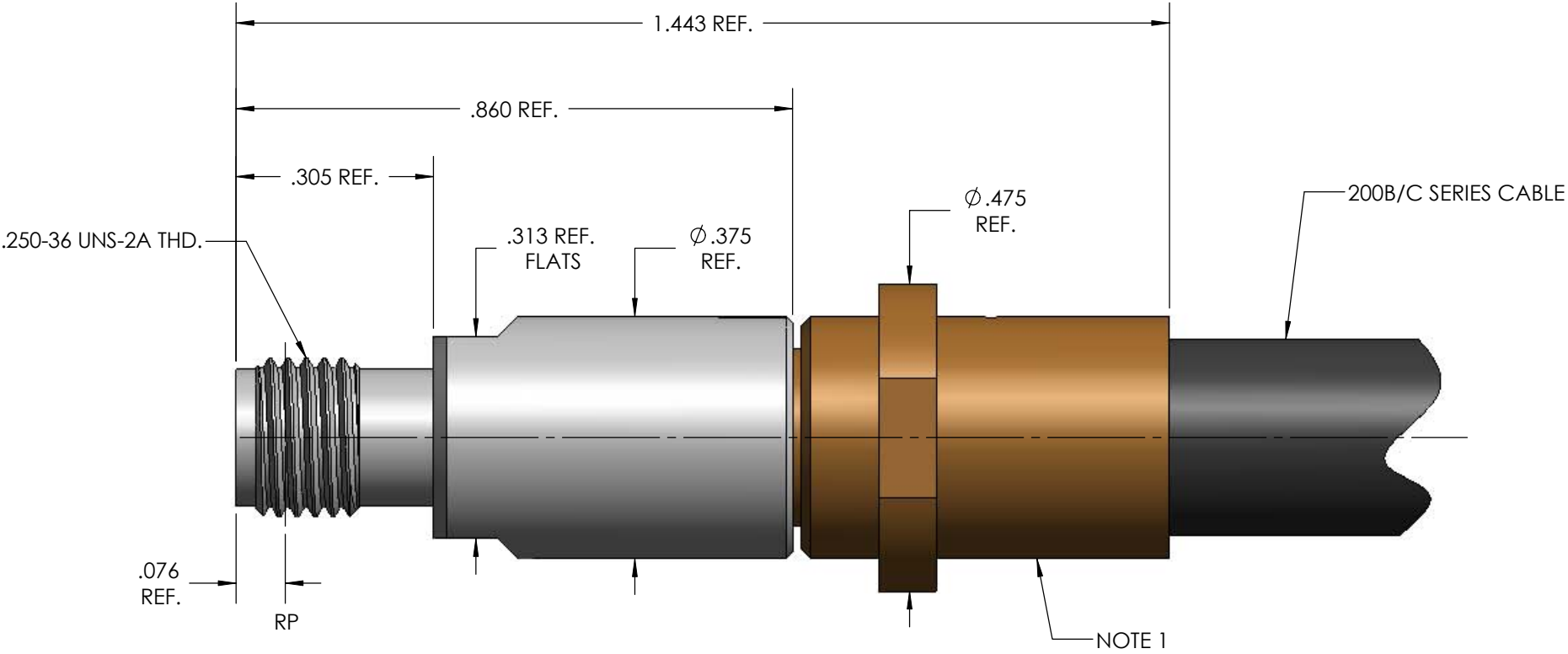


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 323.2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287/D3
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	CABLE DEPENDENT
MASS	5.74 GRAMS NOM. (WITHOUT CONTACT RING)
MASS	11.00 GRAMS NOM. (WITH CONTACT RING - AS SHOWM)
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18 - 26.5GHz	1.20:1 MAX
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	725 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	190 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	475 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 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	
BODY, SLEEVE	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC STOP, DIELECTRIC BEAD	POLYETHERMIDE THERMOPLASTIC, PER ASTM-D-5205
CONTACT RING (REAR BODY)	BRASS, PER ASTM B16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
APPLICATION	
CABLE(S)	200 B/C SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



- NOTE:
- CONTACT RING CONFIGURATION OPTIONAL.
 - HEAT SHRINK STRAIN RELIEF OPTIONAL (NOT SHOWN).

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		DWN.	JMK	9/14/04							
		CHKD.	MJR	12/2/09							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		2.92mm (K) PLUG, 200B/C SERIES 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 4:1	SHEET NO. 1 OF 1	DRAWING NO. SD904139	REV A1
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										