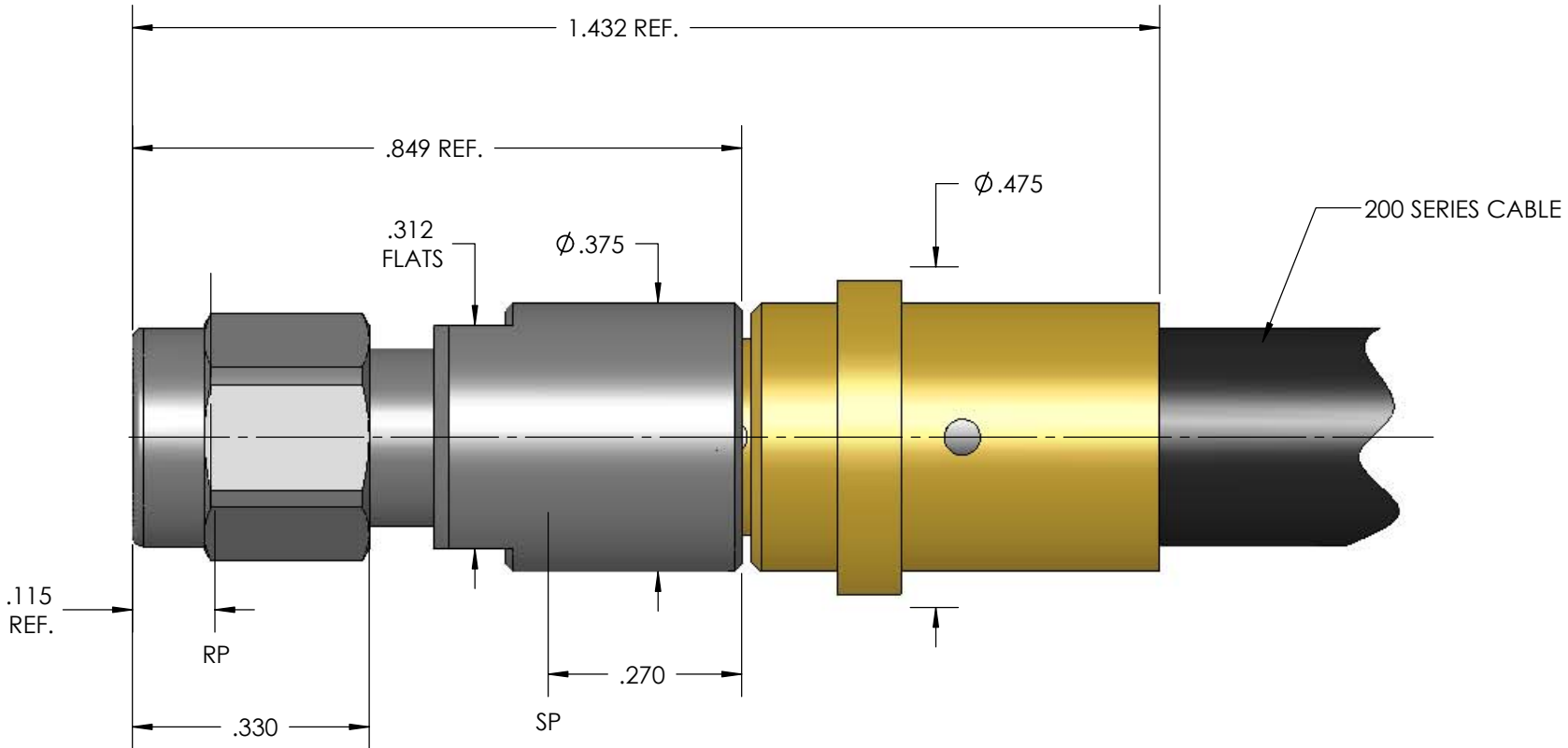


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348
RECOMMENDED MATING TORQUE	9 IN.-LBS. NOM.
COUPLING NUT PROOF TORQUE	15 IN.-LBS. MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 IN.-LBS. MAX.
FORCE TO DISENGAGE	2 IN.-LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	30 LBS. MIN.
MASS	10.96 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18 GHz - 26.5 GHz	1.20:1 MAX.
INSERTION LOSS	0.03 $\sqrt{F}$ (GHz) db MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1200 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 26.5 GHz	-90 dB
CORONA	300 Vrms. MIN. @ 70,000 FEET
RF HIGH POTENTIAL	800 Vrms. MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°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 B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIAL AND FINISH	
CONTACT, REAR BODY	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196 GOLD PLATE PER MIL-G-45204, 50 MICROINCH MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES THK. MIN.
FRONT BODY, NUT	STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, UNS NO. S30300, PER ASTM-A-582, PASSIVATE PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, UNS NO. C17200, PER ASTM-B-197
DIELECTRIC BEAD(S)	ULTEM 1000 PER ASTM-D-5205
APPLICATION	
CABLE(S)	200B/C
INSTALLATION	PER CONFIGURATOR



ISOMETRIC VIEW
SCALE 2:1



NOTE:

- CONTACT RING CONFIGURATION OPTIONAL.
- HEAT SHRINK STRAIN RELIEF OPTIONAL.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE	10/18/2004	JMK	DBK

SPECIFICATION DRAWING

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		DWN. JMK		9/14/04						
		CHKD.								
		APPVD.								
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								
		SPECIFICATION DRAWING, 2.92 (K) PLUG FOR 200 SERIES STRANDED 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	SD904138	A
.XXXX ± .0010										
ANGLES ± 2°										