MECHANICAL CHARACTERISTICS

INTERFACE	MIL-STD-348, FIGURE 319-2 (SSMA)/MIL-STD-348, FIGURE 323.2 (2.92MM)
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/138 (SSMA)/IEEE P287 REF. (2.92MM)
RECOMMENDED MATING TORQUE (2.92MM)	9 IN-LBS. NOM.
RECOMMENDED MATING TORQUE (SSMA)	7 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX
FORCE TO DISENGAGE	2 IN-LBS. MAX
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
CENTER CONTRACT INSERTION FORCE (SSMA)	3 LBS. MIN.
CENTER CONTACT WITHDRAWL FORCE (SSMA)	1 Oz. MIN.
RECOMMENDED JAM NUT TORQUE	8-10 IN-LBS.
MASS	3.68 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18 - 26.5 GHz	1.20:1 MAX
26.5 - 40GHz	1.25:1 MAX
INSERTION LOSS	0.05 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	275 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	750 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE	-55°C TO 125°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%

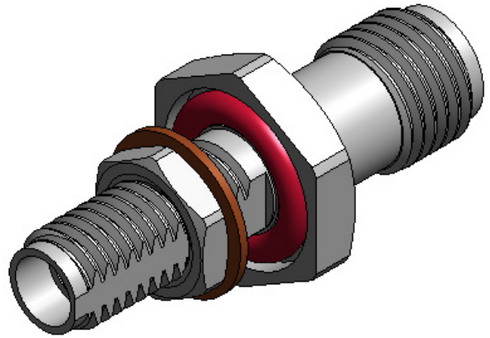
MATERIALS AND FINISH

LOCKNUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
MAIN BODY, BUSHING	STEEL, CORROSION RESISTANT PER ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
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	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
GASKET	SILICONE RUBBER PER A-A-59588
LOCKWASHER	TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H) PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290

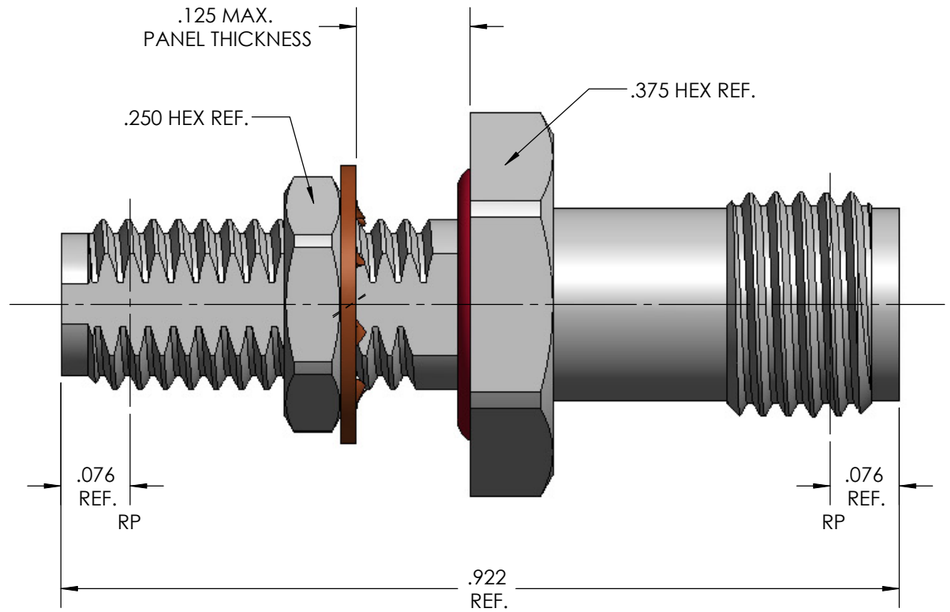
APPLICATION

CABLE(S)	N/A
INSTALLATION	N/A

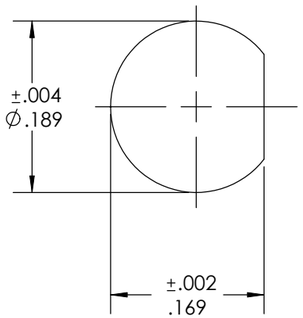
REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE - RDCR 67121	3/28/07	MJM	RS
B	ECO 105900	10/4/2010	CCF	RS
C	ECO 135386	8/5/2013	MJM	RS



ISOMETRIC VIEW
SCALE 4:1



RECOMMENDED
MOUNTING HOLE



SPECIFICATION DRAWING

	INITIALS	DATE
DWN.	MJM	11/1/06
CHKD.	CCF	8/6/13
APPVD.		

MICRO-COAX®
Leading the way in transmission line solutions.

TOLERANCES UNLESS OTHEWISE SPECIFIED	
.XX	± .02
.XXX	± .005
.XXXX	± .0010
ANGLES	± 2°

TITLE: ADAPTER, SSMA JACK, 2.92MM (K) JACK

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
64639	B	6:1	1 OF 1	SD904620	C