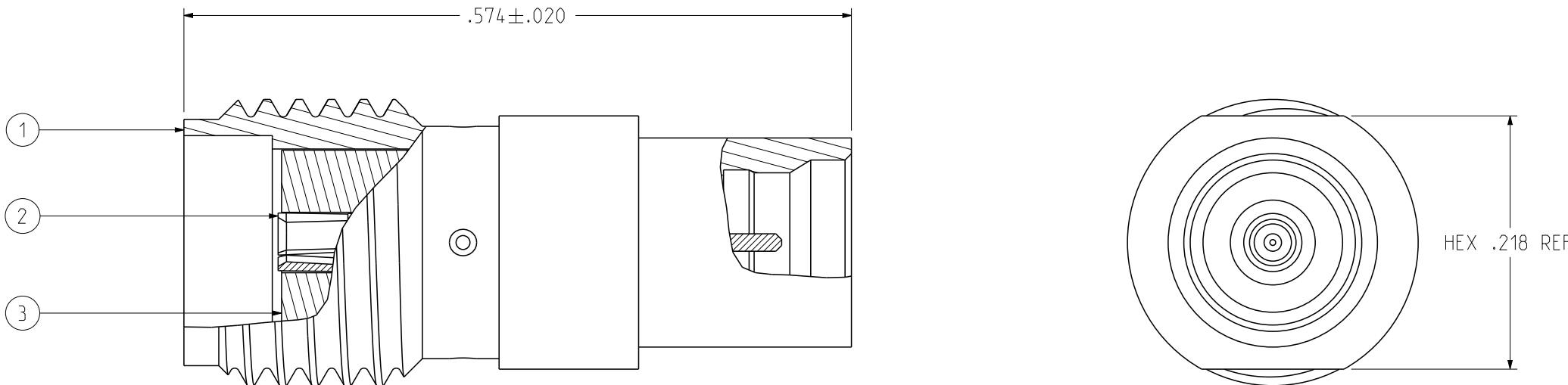


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
134-1019-471	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



NOTES:

1. ELECTRICAL SPECIFICATIONS:

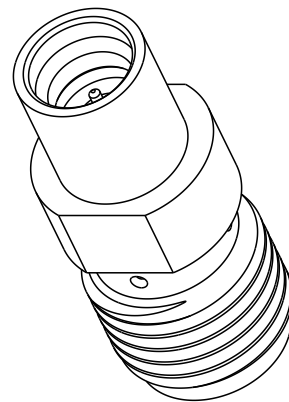
1.1 IMPEDANCE: 50 OHMS
1.2 FREQUENCY RANGE: 0-26.5 GHz
1.3 VSWR: 1.20 MAX 0-26.5 GHz
1.4 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
1.5 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
1.6 INSULATION RESISTANCE: 10000 MEGOHM MIN
1.7 CONTACT RESISTANCE:
1.7.1 CENTER CONTACT - INTIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
1.7.2 OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
1.8 CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .1 dB MAX AT 1GHz
RF LEAKAGE: -50 dB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHz

2. MECHANICAL SPECIFICATIONS:

2.1 ENGAGE/DISENGAGE FORCE (SMP): 3.4 LBS MAX ENGAGEMENT
5 LBS TYPICAL DISENGAGEMENT
2.2 ENGAGE/DISENGAGE TORQUE (SMA): 2 IN LBS MAX
2.3 MATING TORQUE (SMA): 7-10 IN LBS MAX
2.4 CONTACT RETENTION FORCE: 6 LBS MIN
2.5 DURABILITY: 500 CYCLES MIN

3. ENVIRONMENTAL:
(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)

3.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
3.2 OPERATING TEMPERATURE: -65 °C TO 165 °C
3.3 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
3.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION B
3.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
3.6 MOISTURE: MIL-STD-202, METHOD 106



SCALE 4:1

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	RoHS2 ☒ 2011/65/EU	Cage Code	Title: ASSEMBLY, ADAPTER BETWEEN SERIES SMA JACK TO SMP PLUG		
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION	Drawing No. 134-1019-471/480		
	.XX ±.02 .XXX ±.010 ANGLES ±2°	Drawn by: Roman. Yao	REV. 3		
	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	Date: 2/21/2019	Size B	DO NOT SCALE DRAWING	Workmanship Std:Sheet NONE

Mouser Electronics

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