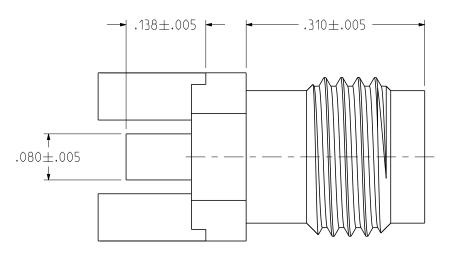


## NOTES:

1. MATERIALS AND FINISH:

- 1.1 BODIES: GOLD PLATED BRASS 1.2 CONTACT: GOLD PLATED BERYLLIUM COPPER 1.3 INSULATOR: PTFE / ULTEM 1000 2. ELECTRICAL SPECIFICATIONS: 2.1 IMPEDANCE: 50 OHMS 2.2 FREQUENCY RANGE: DC-67 GHz 2.3 VSWR: DEPENDENT ON APPLICATION 2.4 WORKING VOLTAGE: 150 VRMS MAX AT SEA LEVEL 2.5 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL 2.6 INSULATION RESISTANCE: 5000 MEGOHM MIN 2.7 CONTACT RESISTANCE: 2.7.1 CENTER CONTACT - INTIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE 2.7.2 OUTER CONDUCTOR - INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE 3. MECHANICAL SPECIFICATIONS: 3.1 ENGAGEMENT/DISENGAGEMENT FORCE: 2 INCH-POUNDS MAX 3.2 MATING TORQUE: 7 TO 10 INCH-POUNDS 3.3 DURABILITY: 500 CYCLES MIN
- 4. ENVIRONMENTAL:
- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012) 4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B 4.2 OPERATING TEMPERATURE: -65 °C TO 165 °C 4.3 CORROSION: MIL-STD-202, METHOD 101, CONDITION B 4.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION I 4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D 4.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106





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