

REV	ECO	DATE
001	ECO-17-0032	11/28/2017



1.1 BODY & SHELL: PASSIVATED STAINLESS STEEL
1.2 CONTACT PIN : GOLD PLATED BERYLLIUM COPPER
1.3 INSULATOR: ULTEM 1000 AMBER
1.4 C RING: BERYLLIUM COPPER
1.5 LOCK RING: GOLD PLATED BRASS
1.6 GASKET: SILICONE RED

2.1 IMPEDANCE: 50 OHMS
2.2 FREQUENCY RANGE: 0-50 GHz
2.3 VOLTAGE STANDING WAVE RATIO: 1.2 MAX
2.4 CONTACT RESISTANCE:
2.4.1 CENR CONTACT: 4 MILLIOHM MAX
2.4.2 OUTER CONTACT: 2.5 MILLIOHM MAX
2.5 INSULATION RESISTANCE: 5000 MOHM MIN
2.6 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN

3.1 ENGAGEMENT/ DISENGAGEMENT FORCE: 0.23 N MAX
3.2 COUPLING NUT RETENTION: 267 N MIN
3.3 COUPLING PROOF TORQUE: 1.65 NM
3.4 CONTACT RETENTION: 20 N MIN
3.5 DURABILITY: 500 CYCLES MIN

4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
4.2 OPERATING TEMPERATURE: -55 TO 125°C
4.3 SALT SPRAY: 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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