

LT-SMAM-RG316SMA MALE FOR RG316,
CRIMP TYPE**SPECIFICATIONS**

PART NUMBER	LT-SMAM-RG316
Description	SMA Male for RG316, crimp type

Material and Plating

Center contact	Beryllium copper or Brass/ Gold Plating
Outer contact & Body	Brass / Gold Plating
Dielectric	PTFE
Gasket	Silicon Rubber

Electrical Characteristics

Characteristics Impedance	50 Ohm
Frequency Range	DC~11GHz
Insulation Resistance	$\geq 5000M\Omega$
Center contact resistance	$\leq 4 m\Omega$
Outer contact resistance	$\leq 2 m\Omega$
Outer contact	$\geq 5000M\Omega$
Dielectric Strength	1500V rms (AC)
Working voltage	500V rms
Insertion Loss	$\leq 0.15dB@3GHz$
VSWR	$\leq 1.3@DC\sim 3.0GHz$

Environmental & Mechanical Specifications

Durability (matings)	≥ 500 cycles
Thermal Shock Test Method	MIL-STD-202, Method 213, Test Condition G
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. B
Suitable cables	RG316
Temperature Range	-45°C to +85°C
RoHS	Compliant