



SMA Female Straight PCB Mount Connector (SRFS-SMAFPCB-012)

Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-12.4 GHz
VSWR	≤1.10@DC-3GHz
Dielectric Withstanding Voltage	1000Vrms, 50 Hz at sea level
Working Voltage	335V RMS, 50Hz, at sea level
Contact Resistance	Center Contact ≤ 3 mΩ Outer Contact ≤ 2.5mΩ
Dielectric Resistance	≥5000MΩ
Durability	Mating Cycles ≥500

Material & Plating

	Material	Plating
Body	Brass	Au
Insulator	PTFE(Teflon)	—
Center conductor	Phosphor bronze	Au

Environmental

Temperature Range	-40°C ~ +85°C
RoHS	Compliant Yes