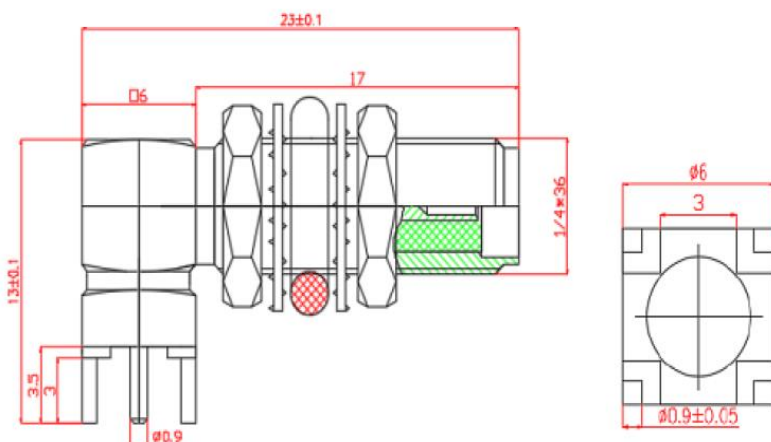




SMA Female Right Angle Bulkhead Connector for PCB Mount (SRFS-SMAFRABH 023)

Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-12.4GHz
Insertion Loss	$\leq 0.15\text{dB}/6\text{ GHz}$
VSWR	≤ 1.10 @DC-3GHz; ≤ 1.25 @DC-6GHz;
Dielectric Withstanding Voltage	$\geq 2500\text{V RMS}, 50\text{Hz}, \text{at sea level}$
Working Voltage	$1000\text{Vrms}, 50\text{ Hz at sea level}$
Contact Resistance	Center Contact $\leq 3.0\text{ m}\Omega$ Outer Contact $\leq 2.5\text{ m}\Omega$
Dielectric Resistance	$\geq 5000\text{M}\Omega$
Durability	Mating cycles ≥ 500

Material & Plating

	Material	Plating
Body	Brass	Au
Insulator	PTFE	-
Center conductor	Phosphor bronze	Au
Coupling nut	Brass	Au
Washer	Brass	Au
Gasket	Silicone rubber	-

Environmental Data

Temperature Range	$-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$
RoHS Compliant	Yes