

# Synergy Telecom P Ltd.

## SMA Female BH RA PCB Mount Connector

**Part No: ST02SMAFBRAP3012**



### **Electrical:**

Characteristic Impedance	50 ohm
Frequency Range	DC-12 Ghz
VSWR	$\leq 1.15 @ DC-6GHz$
Dielectric Withstanding Voltage	$\geq 1000V$ RMS, 50Hz, at sea level
Dielectric Resistance	$\geq 5000M\Omega$
Contact Resistance	Center Contact $\leq 3m\Omega$ Outer Contact $\leq 2.5m\Omega$

### **Mechanical:**

Durability	Mating Cycles $\geq 500$
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### **Material and Plating:**

	Material	Plating
Body	Brass	Au
Insulator	PTFE(Teflon)	-
Center conductor	Phosphor Copper	Au

### **Environmental:**

Operating Temperature Range	-40°C ~ +85°C
RoHs	Compliant

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