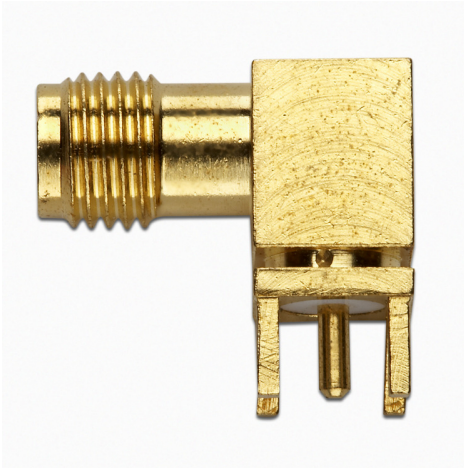


**Model 72971  
SMA JACK R/A PCB RECEPTACLE***Model 72971 SMA JACK R/A PCB RECEPTACLE*

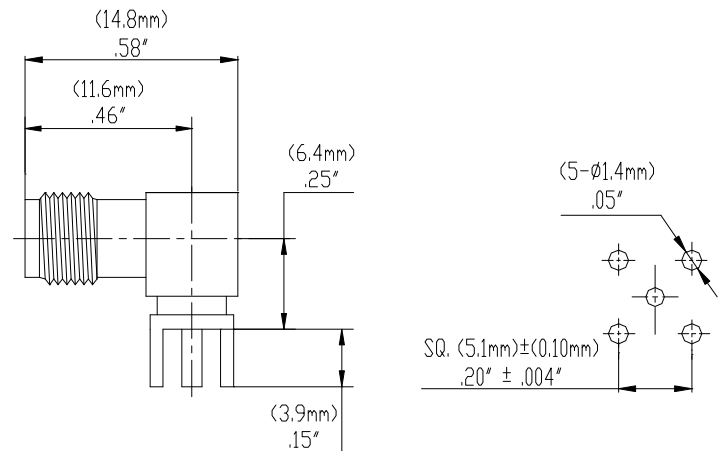
High bandwidth, small size, and durability for confident connections.

**Features**

- DC - 18 GHz
- Meets MIL-C-39012, IEC 169-15, CECC 22110.
- Small size and durability for mobile communications.
- Precision machined and gold-plated for low loss.

**Materials**

- Body is machined brass with gold plating.
- Center Contacts - Plug is gold plated brass and Jack is gold plated Beryllium copper.
- Insulators are high quality PTFE.
- Crimp Ferrules are copper with gold or nickel plating.
- Gaskets are silicone rubber.

**Specifications**

Impedance	50 $\Omega$
Frequency Range	DC - 18 GHz
Working Voltage	< 500 V <sub>peak</sub>
Dielectric Withstanding Voltage	1,000 V <sub>rms</sub>
VSWR	1.25 max.
Center/Outer Contact Resistance	0.003/0.002 $\Omega$ max
Insulation resistance	> 5000 M $\Omega$
Number of Insertions	500 cycles minimum
Temperature Range	-65° C to 165° C, -85° F to 329° F

**Ordering Information**

Model: 72971

Description: SMA JACK R/A PCB RECEPTACLE

USA: Sales: 800-490-2361

Technical Support: [technicalsupport@pomonatest.com](mailto:technicalsupport@pomonatest.com)

Fax: 425-446-5844

Europe: 31-(0) 40 2675 150 International: 425-446-5500

Where to Buy: [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

All dimensions are in inches. Tolerances (except noted): .xx =  $\pm .02$ " (.51 mm), .xxx =  $\pm .005$ " (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.  
D2003411 REV 001