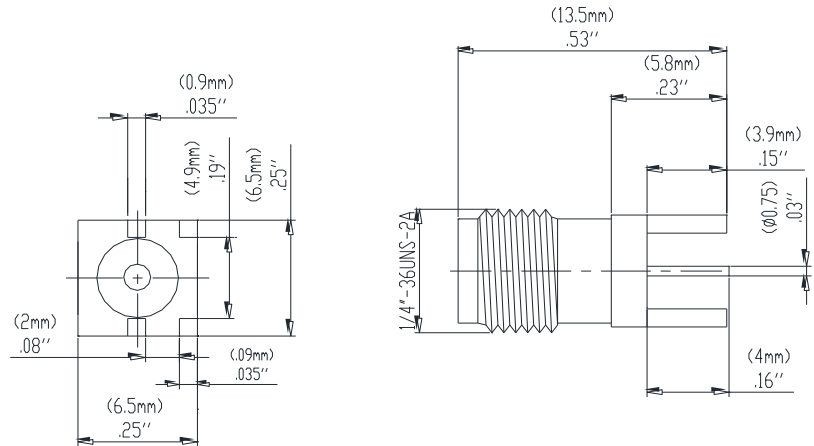
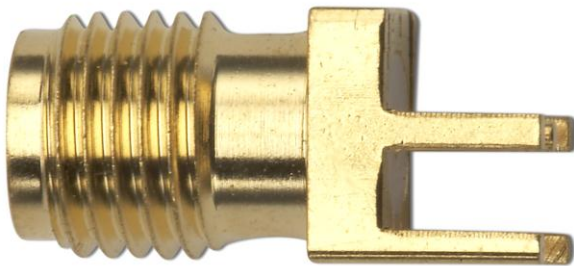


**Model 72970**  
**SMA STRAIGHT JACK PCB RECEPTACLE EDGE MOUNT**



Model 72970 SMA STRAIGHT JACK PCB RECEPTACLE  
EDGE MOUNT

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: 72970

Description: SMA STRAIGHT JACK PCB RECEPTACLE  
EDGE MOUNT

**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 =  $\pm 0.02$ " (.51 mm), .xxx =  $\pm 0.005$ " (.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.

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