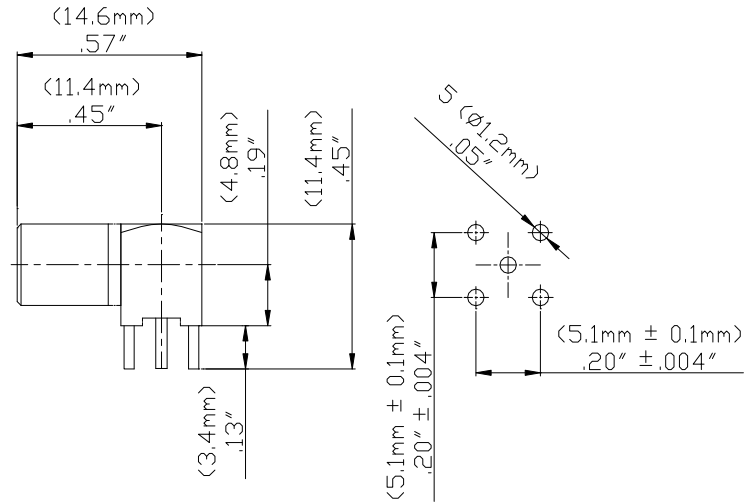


Model 72997  
SMB PLUG R/A PCB RECEPTACLE



Model 72997 SMB PLUG R/A PCB RECEPTACLE



Snap-on coupling and small size for fast connect and disconnect.

**Features**

- DC - 3 GHz bandwidth.
- Meets MIL-C-39012, IEC 60169-1Q, BS9210N0007, NFC93650, CECC 22130.
- Small size and durability for RF coaxial applications.
- 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.
- High quality PTFE insulators.
- Crimp Ferrules are nickel plated copper.
- Silicone rubber gaskets.

**Specifications**

Impedance	50 Ω
Frequency Range	DC - 3 GHz
VSWR	1.5 max
Working Voltage	250 Vrms max.
Dielectric withstand voltage	750 Vrms min
Center / Outer contact resistance	6 / 1 mΩ
Number of insertions	500 cycles min.
Insulation resistance	1,000 MΩ min.
Temperature Range	-65° C to 165° C, -85° F to 329° F

**Ordering Information**

Model: 72997

Description: SMB PLUG R/A PCB RECEPTACLE

USA: Sales: 800-490-2361

Technical Support: [technicalsupport@pomonaest.com](mailto:technicalsupport@pomonaest.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 = ± .02" (.51 mm), .xxx = ± .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.  
D2003434 REV 001