

## Model 72969 SMA T TYPE, JACK (F) / PLUG(M) / JACK (F)



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# 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.

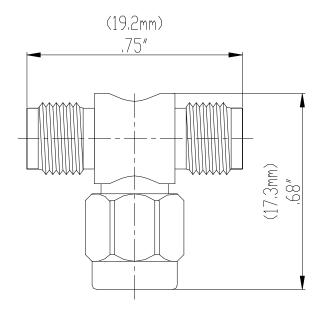
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### **Specifications**

Specifications	
Impedance	50 Ω
Frequency Range	DC - 18 GHz
Working Voltage	< 500 Vpeak
Dielectric Withstanding Voltage	1,000 Vrms
VSWR	1.25 max.
Center/Outer Contact Resistance	0.003/0.002 Ω max
Insulation resistance	> 5000 MΩ
Number of Insertions	500 cycles minimum
Temperature Range	-65° C to 165° C, -85° F to 329° F

# **Ordering** Information

Model: 72969

Description: SMA T TYPE, JACK (F) / PLUG(M) / JACK

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. D2003409 REV 001

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