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PEWA

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Technical Data Sheet

Model 72993 SMB JACK R/A CRIMP, RG179, 187



Model 72993 SMB JACK R/A CRIMP, RG179, 187

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

Features

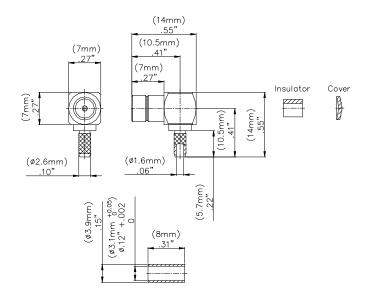
- DC 1 GHz bandwidth.
- Meets MIL-C-39012, IEC 60169-1Q, BS9210N0007, NFC93650, CECC 22130.
- Small size and durability for RF coaxial applications.
- Precision machined and gold-plated for low loss.

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.

USA: Sales: 800-490-2361 Technical Support: <u>technicalsupport@pomonatest.com</u> Fax: 425-446-5844 Europe: 31-(0) 40 2675 150 International: 425-446-5500

Where to Buy: www.pomonaelectronics.com



Specifications

Impedance	75 Ω
Frequency Range	DC - 1 GHz
VSWR	1.5 max.
Working Voltage	250 Vrms max.
Dielectric withstand voltage	750 Vrms
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: 72993 Description: SMB JACK R/A CRIMP, RG179, 187

All dimensions are in inches. Tolerances (except noted): $.xx = \pm .02^{\circ}$ (.51 mm), $.xxx = \pm .005^{\circ}$ (.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. D2003431 REV 001



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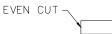
INSULATOR

Cable Types and Crimp Die Information

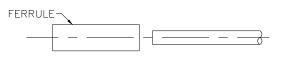
Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
72993	RG179, 187	.128 (3.3)

Cable Assembly Instructions

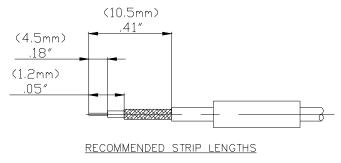
1. CUT CABLE END EVENLY AND PERPENDICULAR

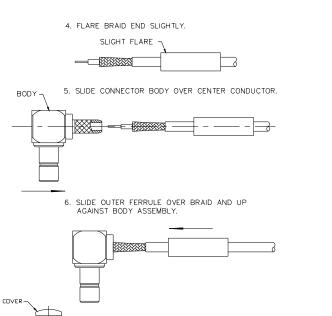


2. SLIDE OUTER FERRULE OVER CABLE END.



3. STRIP CABLE JACKET, BRAID, AND DIELECTRIC TO SPECIFICATION LENGTHS.





7. CRIMP OUTER FERRULE WITH APPROPRIATE CRIMP TOOL. INSERT INSULATOR INTO CONNECTOR AND PRESS COVER INTO PLACE.

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CRIMP VERSION