Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

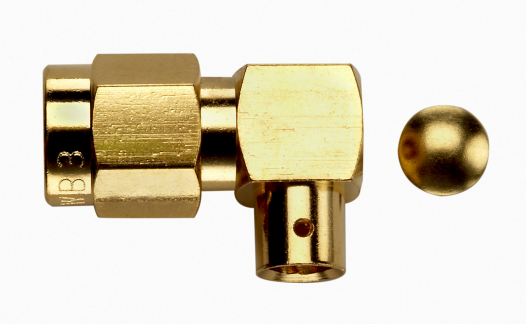
Pomona Electronics
72959

For any questions, you can email us directly:
sales@integrated-circuit.com

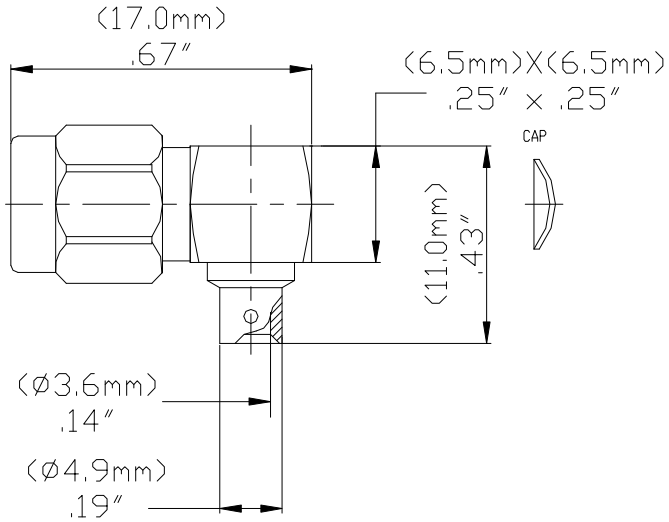
Pomona ELECTRONICS

Technical Data Sheet

Model 72959
SMA PLUG R/A CRIMP, RG141, 174, 188, 316



Model 72959 SMA PLUG R/A CRIMP, RG141, 174, 188, 316



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

Features

- DC – 12.4 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.

Ordering Information

Model: 72959
Description: SMA PLUG R/A CRIMP, RG141, 174, 188, 316

Specifications

Impedance	50 Ω
Frequency Range	0-12.4 GHz on flexible cable
Working Voltage	< 375 Vpeak
Dielectric Withstanding Voltage	1,000 Vrms
VSWR	1.4 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

USA: Sales: 800-490-2361
Technical Support: technicalsupport@pomonatest.com
Fax: 425-446-5844
Europe: 31-(0) 40 2675 150 **International**: 425-446-5500
Where to Buy: 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.
D2003394 REV 001

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Distributor of Pomona Electronics: Excellent Integrated System Limited
Datasheet of 72959 - CONN SMA PLUG R/A 50 OHM SOLDER

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Technical Data Sheet

Model 72959
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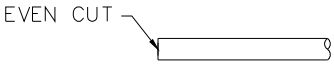
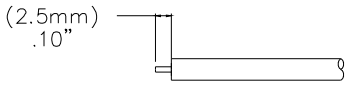
Cable Assembly Instructions

1. CUT CABLE END EVENLY AND PERPENDICULAR

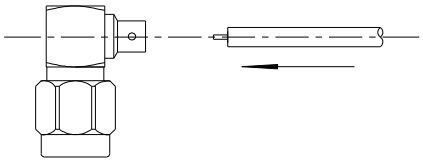


2. STRIP CABLE JACKET, BRAID, AND DIELECTRIC TO SPECIFICATION LENGTHS.

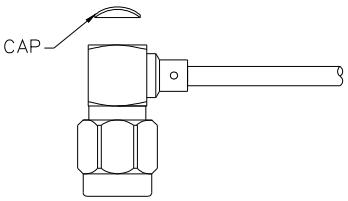


RECOMMENDED STRIP LENGTHS

3. SLIDE CABLE THOUGH CONNECTOR BODY UNTIL CABLE CENTER CONDUCTOR ENGAGES WITH CENTER CONTACT ON CONNECTOR. SOLDER CABLE CENTER CONDUCTOR TO CONNECTOR CENTER CONTACT AND SCREW ON CAP.



4. SCREW ON CAP AS SHOWN.



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