Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
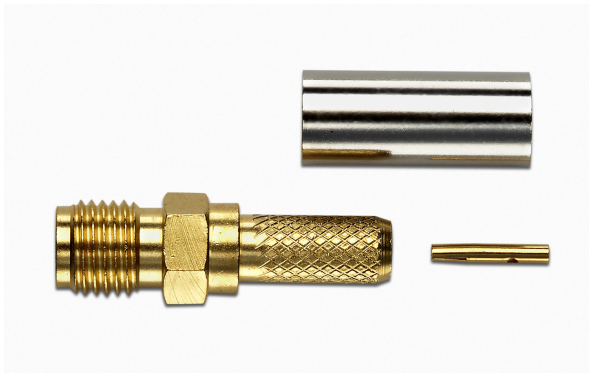

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Model 72953 SMA JACK STRAIGHT CRIMP, RG142, 400

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.
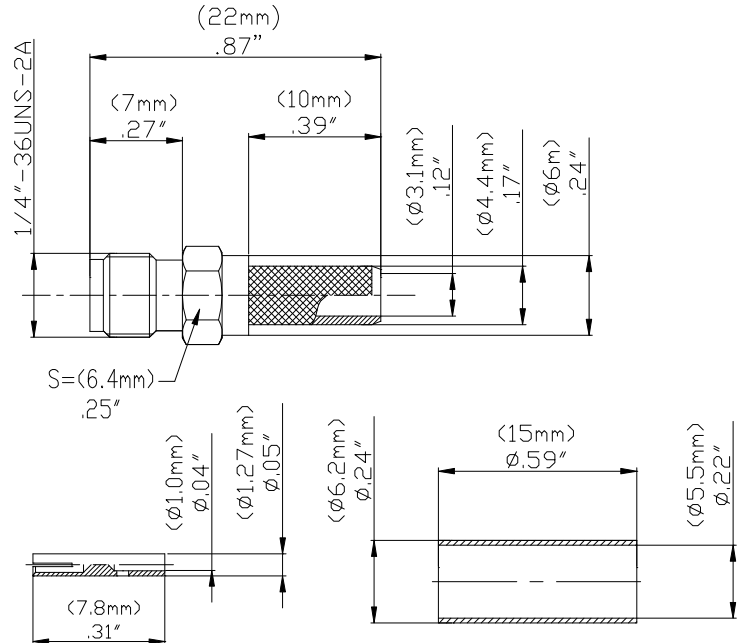- Gaskets are silicone rubber.

Ordering Information

Model: 72953
Description: SMA JACK STRAIGHT CRIMP, RG142, 400

Specifications

Impedance	50 Ω
Frequency Range	DC – 12.4 GHz max.
Working Voltage	< 500 Vpeak
Dielectric Withstanding Voltage	1,000 Vrms
VSWR	1.35 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.
D2003390 REV 001

Model 72953
SMA JACK STRAIGHT CRIMP, RG142, 400
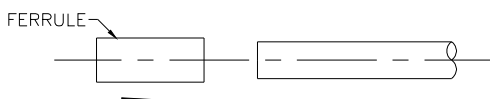
Cable Types and Crimp Die Information

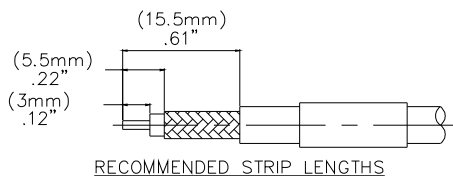| Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
72953	RG 142, 400	.230 (5.9)

Cable Assembly Instructions

1. CUT CABLE END EVENLY AND PERPENDICULAR

EVEN CUT

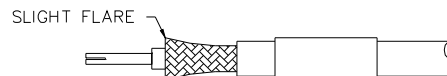2. SLIDE OUTER FERRULE OVER CABLE END.

FERRULE

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

(15.5mm) .61"
(5.5mm) .22"
(3mm) .12"
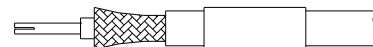
RECOMMENDED STRIP LENGTHS

4. INSERT CONTACT PIN ONTO CABLE'S CENTER CONDUCTOR SO THAT IT IS FLUSH TO DIELECTRIC, CRIMP OR SOLDER CONTACT FIRMLY.
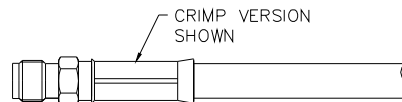
CONTACT PIN
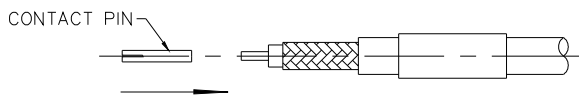
5. FLARE BRAID END SLIGHTLY.

SLIGHT FLARE

6. INSERT CENTER CONTACT OVER CABLE CENTER CONDUCTOR FLUSH UNTIL FLUSH WITH DIELECTRIC.

7. SLIDE CONNECTOR BODY OVER CENTER CONTACT AND. SLIDE OUTER FERRULE OVER BRAID AND UP AGAINST BODY ASSEMBLY.

SLIDE FERRULE
BODY
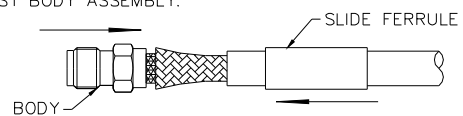
8. CRIMP OUTER FERRULE WITH APPROPRIATE CRIMP TOOL.

CRIMP VERSION SHOWN

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