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

Model 72992
SMB JACK R/A CRIMP, RG174, 188, 316

Model 72992 SMB JACK R/A CRIMP, RG174, 188, 316
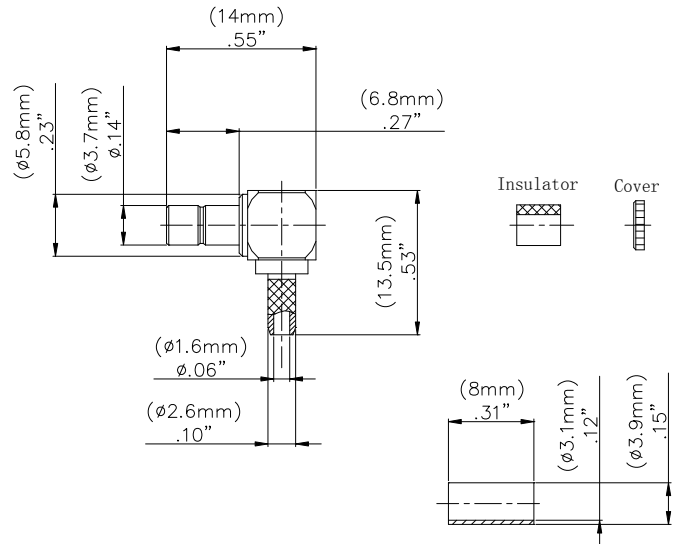
Snap-on coupling and small size for fast connect and disconnect.

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	1.3 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: 72992
Description: SMB JACK R/A CRIMP, RG174, 188, 316

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.
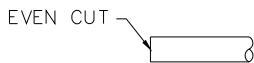D2003430 REV 001

Cable Types and Crimp Die Information

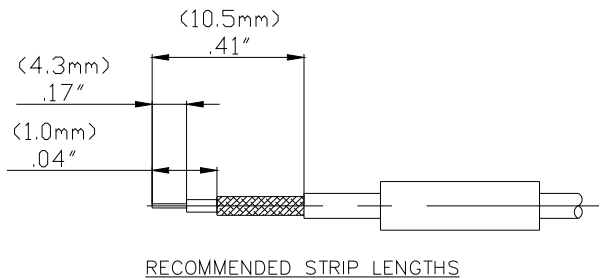| Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
72992	RG174, 188, 316	.128 (3.3)

Cable Assembly Instructions

1. CUT CABLE END EVENLY AND PERPENDICULAR

   EVEN CUT
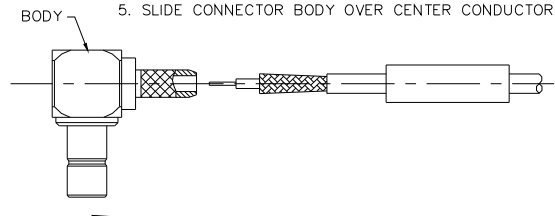
2. SLIDE OUTER FERRULE OVER CABLE END.
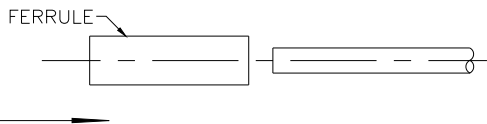
   FERRULE

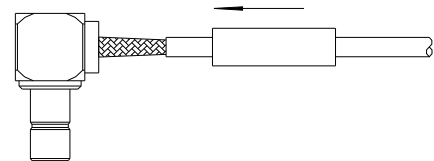3. STRIP CABLE JACKET, BRAID, AND DIELECTRIC TO SPECIFICATION LENGTHS.

   (10.5mm) .41″
   (4.3mm) .17″
   (1.0mm) .04″

   RECOMMENDED STRIP LENGTHS

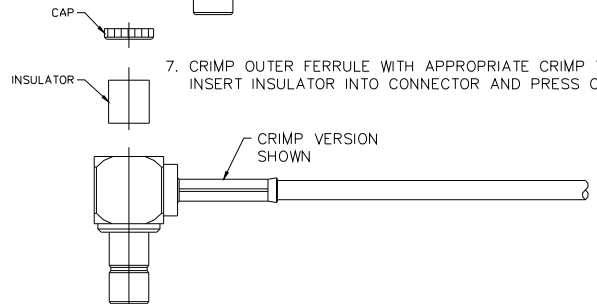4. FLARE BRAID END SLIGHTLY.

   SLIGHT FLARE

5. SLIDE CONNECTOR BODY OVER CENTER CONDUCTOR.

   BODY

6. SLIDE OUTER FERRULE OVER BRAID AND UP AGAINST BODY ASSEMBLY.

   CAP
   INSULATOR

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

   CRIMP VERSION SHOWN