

75 Ohm Mini SMB Plug Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71



PE4994

Configuration

- Mini SMB Plug Connector
- MIL-STD-348
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59B/U, RG62, RG71

Features

- Max. Operating Frequency 2 GHz
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4994 , Mini SMB, Standard, Connector is part of our full line of RF components available for same-day shipping. Our Mini SMB plug connector operates up to a maximum frequency of 2 GHz.

Our 75 ohm Mini SMB plug connector PE4994 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	1,000			MOhms
Impedance		75		Ohms

Mechanical Specifications

Size

Length	1.144 in [29.06 mm]
Width	0.305 in [7.75 mm]
Height	0 in [0 mm]
Weight	0.012 lbs [5.44 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Contact Spring	Beryllium Copper	
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

75 Ohm Mini SMB Plug Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

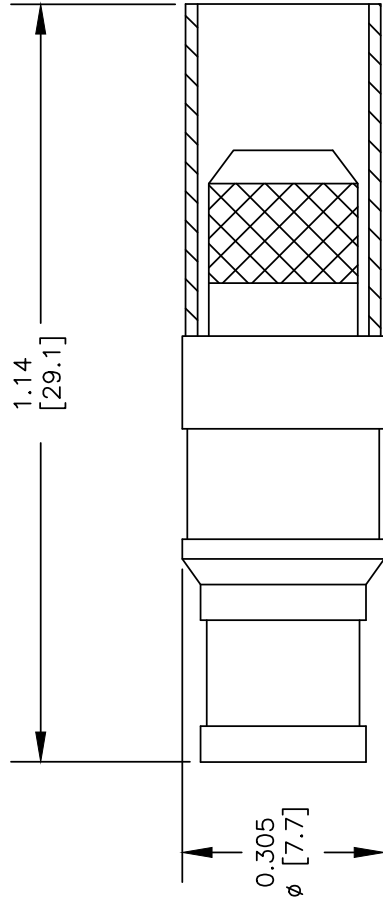
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Plug Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 PE4994](#)

URL: <https://www.pasternack.com/mini-smb-plug-rg59b-u-rg62-rg71-connector-pe4994-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE4994 CAD Drawing

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STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
 FERRULE: .255" HEX CRIMP TOOL

DWG TITLE

PE4994

NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

CAD FILE 061702

SCALE N/A

SIZE A

127



Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com