



SMB Plug Push-On Connector Solder Attachment for RG405, PE-SR405FL, PE-SR405FLJ

RF Connectors Technical Data Sheet

PE45119

Configuration

- Push-OnSMB Plug Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG405, PE-SR405FL, PE-SR405FLJ Interface Type
- Solder/Solder Attachment

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 30μ in. minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45119 SMB plug push-on connector with solder/solder attachment for RG405, PE-SR405FL and PE-SR405FLJ is part of our full line of RF components available for same-day shipping. Our SMB plug connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Our SMB plug connector PE45119 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		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size	
Length	0.533 in [13.54 mm]
Width/Dia.	0.256 in [6.50 mm]
Weight	0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Plug Push-On Connector Solder Attachment for RG405, PE-SR405FL, PE-SR405FLJ PE45119](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30μ in. minimum
Insulation	Teflon	
Body	Brass	Gold 3μ in. minimum
Coupling Nut	Brass	Gold 3μ in. minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

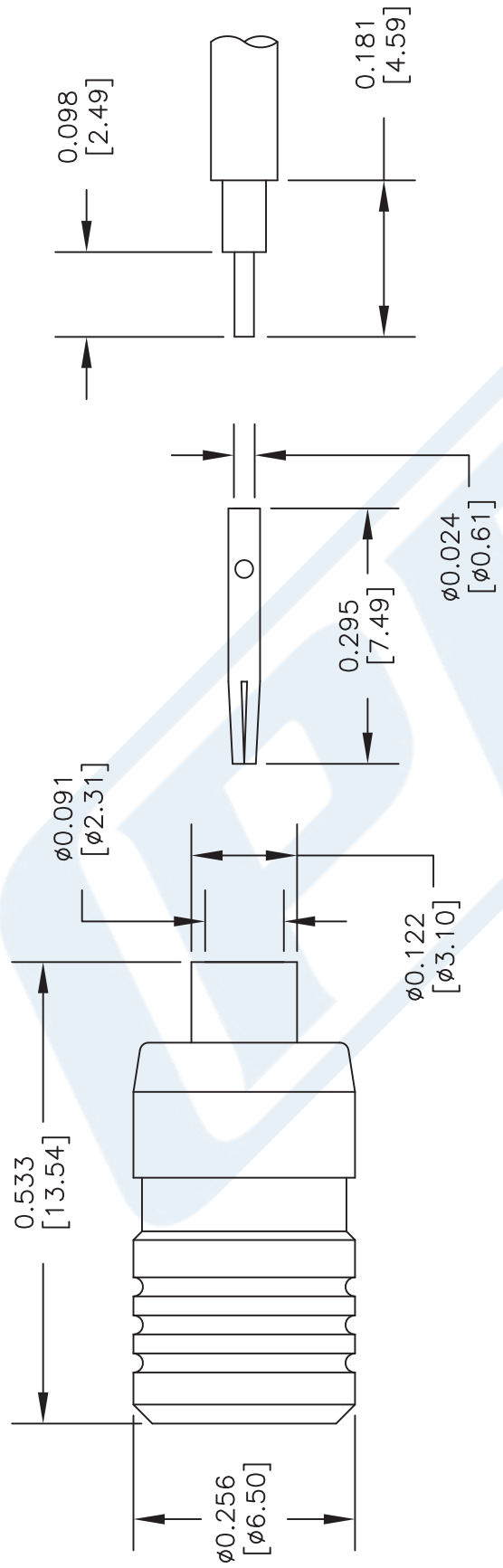
Notes:

SMB Plug Push-On Connector Solder Attachment for RG405, PE-SR405FL, PE-SR405FLJ 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: [SMB Plug Push-On Connector Solder Attachment for RG405, PE-SR405FL, PE-SR405FLJ PE45119](#)

URL: <https://www.pasternack.com/smb-male-push-on-rg405-pe-sr405fl-pe-sr405flj-connector-pe45119-p.aspx>

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



CENTER CONTACT

STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP THE CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR METAL COVERING.
2. PUSH THE CENTER CONDUCTOR FULLY INTO THE CONTACT AND SOLDER, REMOVE EXCESS SOLDER.
3. PRESS CONTACT INTO BODY UNTIL IT SEATS.
4. SOLDER THE OUTER CONDUCTOR TO THE BODY STEM.

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DWG TITLE
PE45119

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].

FSCM NO. 53919

CAD FILE 021715

SCALE N/A

SIZE A

200