

## SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE- SR405FLJ, PE-SR405AL, RG405 Tinned



### PE45198

#### Configuration

- Limited Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG405, PE-SR405FL, PE-SR405FLJ, PE-SR405AL, RG405 Tinned
- 2 Hole Flange

#### Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.3:1
- Gold Plated Bronze Contact
- Blind Mate Connector

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Pasternack's PE45198 , SMP, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMP male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. This SMP 2 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SMP male 2 hole flange connector PE45198 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		18	GHz
VSWR			1.3:1	
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.386 in [9.8 mm]
Width	0.189 in [4.80 mm]
Height	0.492 in [12.5 mm]
Weight	0.01 lbs [4.54 g]
Mating Cycles	500 Cycles

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**PE45198**

**Material Specifications**

Description	Material	Plating
Contact	Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Gold
Body	Brass	Gold

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ, PE-SR405AL, RG405 Tinned 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: [SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ, PE-SR405AL, RG405 Tinned PE45198](#)

URL: <https://www.pasternack.com/smp-male-limited-detent-rg405-pe-sr405fl-pe-sr405al-connector-pe45198-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.

PE45198 CAD Drawing

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