

Mini SMP Male Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 26.5 GHz



PE517851

Configuration

- Smooth Bore Mini SMP Male Connector
- 50 Ohms
- Straight Body Geometry
- Surface Mount

Features

- Max. Operating Frequency 26.5 GHz
- Gold Plated Brass Contact
- Blind Mate Connector

Applications

- General Purpose Test
- Space Saving for PCB Applications

Description

Pasternack's PE517851 Mini SMP Male Smooth Bore Connector Solder Attachment is part of our full line of RF components available for same-day shipping. Our Mini SMP male connector operates up to a maximum frequency of 26.5 GHz. 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.

Our Mini SMP male surface mount connector PE517851 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		26.5	GHz
VSWR		1.43:1		
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.157 in [3.99 mm]
Width	0.157 in [3.99 mm]
Height	0.15 in [3.81 mm]
Weight	0.0006 lbs [0.27 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	LCP	
Body	Brass	Gold

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Environmental Specifications

Temperature

Operating Range

-40 to +125 deg C

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

Plotted and Other Data

Notes:

Mini SMP Male Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 26.5 GHz 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: [Mini SMP Male Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 26.5 GHz PE517851](#)

URL: <https://www.pasternack.com/mini-smp-male-smooth-bore-pcb-connector-pe517851.html>

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.

