



SMPS Male PCB Solder-In Connector, Smooth Bore

RF Connectors
Technical Data Sheet**PE45896****Configuration**

- Smooth Bore SMPS Male Connector
- 50 Ohms
- straight Body Geometry

Features

- Max. Operating Frequency 65 GHz
- Gold Plated Beryllium Copper Contact
- 50 µin minimum gold contact plating

Applications

- General Purpose Test
- PCB Applications

Description

Pasternack's PE45896, SMPS, Standard, connector with solder attachment for PCB is part of our full line of RF components available for same-day shipping. Our SMPS male connector operates up to a maximum frequency of 65 GHz.

Our SMPS male connector PE45896 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		65	GHz
Impedance		50		Ohms

Mechanical Specifications

Size	
Length	0.14 in [3.63 mm]
Width	0.09 in [2.29 mm]
Height	0.09 in [2.29 mm]
Weight	0.00 lbs [0.10 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMPS Male PCB Solder-In Connector, Smooth Bore PE45896](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum gold
Body	Beryllium Copper	Gold 50 µin minimum gold

Environmental Specifications

Temperature

Operating Range

-55 to +165 deg C

Humidity

MIL-STD-202, Method 106, Less Step 7B

Shock

MIL-STD-202, Method 213, Condition I

Vibration

MIL-STD-202, Method 204, Condition D

Thermal Shock

MIL-STD-202, Method 107, Condition B

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

Plotted and Other Data

Notes:

SMPS Male PCB Solder-In Connector, Smooth Bore 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.

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URL: <https://www.pasternack.com/smps-male-smooth-bore-pcb-connector-pe45896-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.

PE45896 CAD Drawing

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