

## SMA Male Commercial Grade Connector Solder Attachment Thru Hole PCB, .200 inch x 0.063 inch Hole Spacing



### PE51746

#### Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Thru Hole
- Commercial Grade Design

#### Features

- Max. Operating Frequency 18 GHz
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- PCB Applications

#### Description

Pasternack's PE51746, SMA, Commercial Grade, connector with solder attachment for Thru Hole PCB is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 18 GHz.

Our SMA male connector PE51746 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
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.68 in [17.27 mm]
Width	0.34 in [8.64 mm]
Height	0.34 in [8.64 mm]
Weight	0.009 lbs [4.08 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Gold
Coupling Nut	Brass	Gold
Retaining Ring	Beryllium Copper	Nickel
Gasket	Silicone Rubber	

## SMA Male Commercial Grade Connector Solder Attachment Thru Hole PCB, .200 inch x 0.063 inch Hole Spacing



**PE51746**

---

### Environmental Specifications

**Temperature**

Operating Range

-55 to +125 deg C

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

### Plotted and Other Data

Notes:

SMA Male Commercial Grade Connector Solder Attachment Thru Hole PCB, .200 inch x 0.063 inch Hole Spacing 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: [SMA Male Commercial Grade Connector Solder Attachment Thru Hole PCB, .200 inch x 0.063 inch Hole Spacing PE51746](#)

URL: <https://www.pasternack.com/sma-male-thru-hole-pcb-connector-pe51746-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.

SMA Male Commercial Grade Connector Solder Attachment Thru Hole PCB, .200 inch x 0.063 inch Hole Spacing

