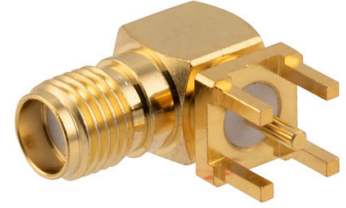


SMA Female Right Angle Commercial Grade Connector Solder Attachment Thru Hole PCB



PE51710

Configuration

- SMA Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: Thru Hole
- Commercial Grade Design

Features

- Max. Operating Frequency 18 GHz
- Gold over Nickel over Copper Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- PCB Applications

Description

Pasternack's PE51710 Right Angle, 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 female connector operates up to a maximum frequency of 18 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA female right angle connector PE51710 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 |
| Insulation Resistance | 5,000 | | | MOhms |
| Impedance | | 50 | | Ohms |

Mechanical Specifications

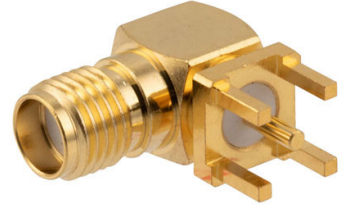
Size

| | |
|--------|--------------------|
| Length | 0.6 in [15.24 mm] |
| Width | 0.55 in [13.97 mm] |
| Height | 0.28 in [7.11 mm] |
| Weight | 0.03 lbs [13.61 g] |

Material Specifications

| Description | Material | Plating |
|-------------|-----------------|------------------------------|
| Contact | Phosphor Bronze | Gold over Nickel over Copper |
| Insulation | PTFE | |
| Body | Brass | Gold over Nickel over Copper |

SMA Female Right Angle Commercial Grade Connector Solder Attachment Thru Hole PCB



PE51710

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

SMA Female Right Angle Commercial Grade Connector Solder Attachment Thru Hole PCB 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 Female Right Angle Commercial Grade Connector Solder Attachment Thru Hole PCB PE51710](#)

URL: <https://www.pasternack.com/sma-female-thru-hole-pcb-connector-pe51710-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.

PE51710 CAD Drawing

SMA Female Right Angle Commercial Grade Connector Solder Attachment Thru Hole PCB

