

SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB, Right Angle Center Contact



## RF Connectors Technical Data Sheet

ET11559

## Configuration

- Limited Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms

#### Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

- Straight Body Geometry
- Surface Mount Interface Type
- Solder Attachment
- Contact plating according to MIL-G-45204
- Blind Mate Connector

# Applications

General Purpose Test

PCB Applications

#### Description

Ebeestock's ET11559 SMP male limited detent connector with solder attachment for surface mount PCB 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 excellent VSWR of 1.25:1. The Ebeestock 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 SMP male connector ET11559 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock'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, Ebeestock has the right connector for the job. Ebeestock 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            |         |         | 1.25:1  |       |
|                 |         |         |         |       |

#### Mechanical Specifications

Size

 Length
 0.2 in [5.08 mm]

 Width/Dia.
 0.165 in [4.19 mm]

 Weight
 0.082 lbs [37.19 g]

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 Surface Mount PCB, Right Angle Center Contact ET11559

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#### **Material Specifications**

| Description | Material         | Plating             |
|-------------|------------------|---------------------|
| Contact     | Beryllium Copper | Gold<br>MIL-G-45204 |
| Insulation  | PAI              |                     |
| Body        | Beryllium Copper | Gold<br>MIL-G-45204 |

### **Environmental Specifications**

Temperature

Operating Range

-55 to +155 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB, Right Angle Center Contact from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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 Surface Mount PCB, Right Angle Center Contact ET11559

**URL:** https://www.ebeestock.com/smp-male-limited-detent-connector-solder-attachment-surface-moun t-pcb-right-angle-center-contact-0011559

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

# ET11559 CAD Drawing

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