

SMA Female Bulkhead Mount Precision Connector Solder Attachm ent Stub Terminal, .250 inch Diameter



# RF Connectors Technical Data Sheet

ET11267

# Configuration

- SMA Female Connector
   MIL-C-39012
- 50 Ohms
- Straight Body Geometry

## Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.51:1

- Stub Interface Type
- Solder Attachment
- Bulkhead
- Precision Design
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin minimum contact plating

# Applications

General Purpose Test

- Rack and Panel Mount Applications
- Precision Test & Measurement

### Description

Ebeestock's ET11267 SMA female bulkhead precision connector with solder attachment stub terminal (.250 inch diameter) 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 and offers good VSWR of 1.51:1. This SMA bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SMA female bulkhead connector ET11267 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                                 |         |         | 1.51:1  |       |
| Operating Voltage (AC)               |         |         | 335     | Vrms  |
| Dielectric Withstanding Voltage (AC) |         |         | 1,000   | Vrms  |
| High Potential Voltage               |         |         | 670     | Vrms  |
| at 4 and 7 MHz                       |         |         |         |       |
| Corona Discharge                     |         |         | 250     | Vrms  |
| at 70,000 feet                       |         |         |         |       |
| Insulation Resistance                | 5,000   |         |         | MOhms |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Bulkhead Mount Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter ET11267

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



SMA Female Bulkhead Mount Precision Connector Solder Attachm ent Stub Terminal, .250 inch Diameter



# RF Connectors Technical Data Sheet

ET11267

## Mechanical Specifications

Size

 Length
 0.66 in [16.76 mm]

 Width/Dia.
 0.312 in [7.92 mm]

 Weight
 0.006 lbs [2.72 g]

 Mating Cycles
 500 Cycles

#### Material Specifications

| Description | Material         | Plating                            |  |
|-------------|------------------|------------------------------------|--|
| Contact     | Beryllium Copper | Gold over Nickel<br>50 µin minimum |  |
| Insulation  | PTFE             |                                    |  |
| Body        | Brass            | Gold over Nickel<br>10 µin minimum |  |

# **Environmental Specifications**

Temperature

Operating Range -65 to +165 deg C

Humidity
Shock
MIL-STD-202, Method 106
MIL-STD-202, Method 213, Condition I
Wibration
MIL-STD-202, Method 204, Condition D

Thermal Shock
MIL-STD-202, Method 107, Condition B
Salt Spray
MIL-STD-202, Method 101, Condition B

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Bulkhead Mount Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter ET11267

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



SMA Female Bulkhead Mount Precision Connector Solder Attachm ent Stub Terminal, .250 inch Diameter



## RF Connectors Technical Data Sheet

ET11267

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

SMA Female Bulkhead Mount Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter 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: SMA Female Bulkhead Mount Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter ET11267

**URL:** https://www.ebeestock.com/sma-female-bulkhead-mount-precision-connector-solder-attachment-stub-terminal-250-inch-diameter-0011267

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.

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

# ET11267 CAD Drawing

SMA Female Bulkhead Mount Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter

