

SMA Female Connector Solder Attachment 2 Hole Flange Mount S tub Terminal



RF Connectors Technical Data Sheet

ET11301

Configuration

- SMA Female Connector
- 50 Ohms
- Straight Body Geometry

- Stub Interface Type
- Solder Attachment
- 2 Hole Flange

Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.5:1

- Gold over Nickel Plated Beryllium Copper Contact
- 30 µin minimum contact plating

Applications

General Purpose Test

Rack and Panel Mount Applications

Description

Ebeestock's ET11301 SMA female 2 hole flange mount connector with solder attachment stub terminal 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 1.5:1. This SMA 2 hole flange 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 2 hole flange connector ET11301 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			1.5:1	
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 ft				
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 Connector Solder Attachment 2 Hole Flange Mount Stub Terminal ET11301

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



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Electrical Specification Notes: Values at +25°C, sea level.

Insertion loss: 0.06 x sqrt(fGHz) dB. RF leakage: 60 dB min at 2 to 3 GHz.

Mechanical Specifications

Size

 Length
 0.108 in [2.74 mm]

 Width/Dia.
 0.223 in [5.66 mm]

 Height
 0.625 in [15.88 mm]

 Weight
 0.007 lbs [3.18 g]

 Mating Cycles
 500 Cycles

Material Specifications

Description	Material	Plating	
Contact	Beryllium Copper	Gold over Nickel 30 µin minimum	
Insulation	PTFE		
Outer Conductor	Brass	Gold over Nickel 10 µin minimum	

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C
Humidity MIL-STD-202. Meth

Humidity
MIL-STD-202, Method 106
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
Salt Spray
MIL-STD-202, Method 101, Condition B

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Female Connector Solder Attachment 2 Hole Flange Mount Stub Terminal 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.

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URL: https://www.ebeestock.com/sma-female-connector-solder-attachment-2-hole-flange-mount-stub-terminal-0011301

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.

ET11301 CAD Drawing
SMA Female Connector Solder Attachment 2 Hole Flange Mount Stub Terminal

