SMA Male to SMA Female Bulkhead Mount Adapter

RF Adapters Technical Data Sheet

ET12747

Configuration

- SMA Male Connector 1
- SMA Female Connector 2
- 50 Ohms
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.3:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A
- Gold Plated Beryllium Copper Contact
- 50 µ-in min Gold Contact Plating

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

Ebeestock's ET12747 SMA male to SMA female bulkhead adapter is part of our full line of RF components available for same- day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a male to female gender configuration. ET12747 SMA male to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF SMA to SMA bulkhead adapter 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.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/ disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Frequency Range	DC	18	GHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

Size

Length	0.92 in [23.37 mm]
Width	0.315 in [8 mm]
Weight	0.017 lbs [7.71 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Bulkhead Adapter ET12747

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Hex Size	5/16 in.	
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]	

Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	SMA Male		SMA Female	
Contact	Beryllium Copper	Gold 50 µ-in minimum	Beryllium Copper	Gold 50 µ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel 100 µ-in minimum
Body	Brass	Nickel 100 µ-in minimum		
Gasket	Silicone			
Coupling Nut	Brass	Nickel 100 µ-in minimum		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Male to SMA Female Bulkhead Adapter 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-male-to-sma-female-bulkhead-mount-adapter-0012747

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.

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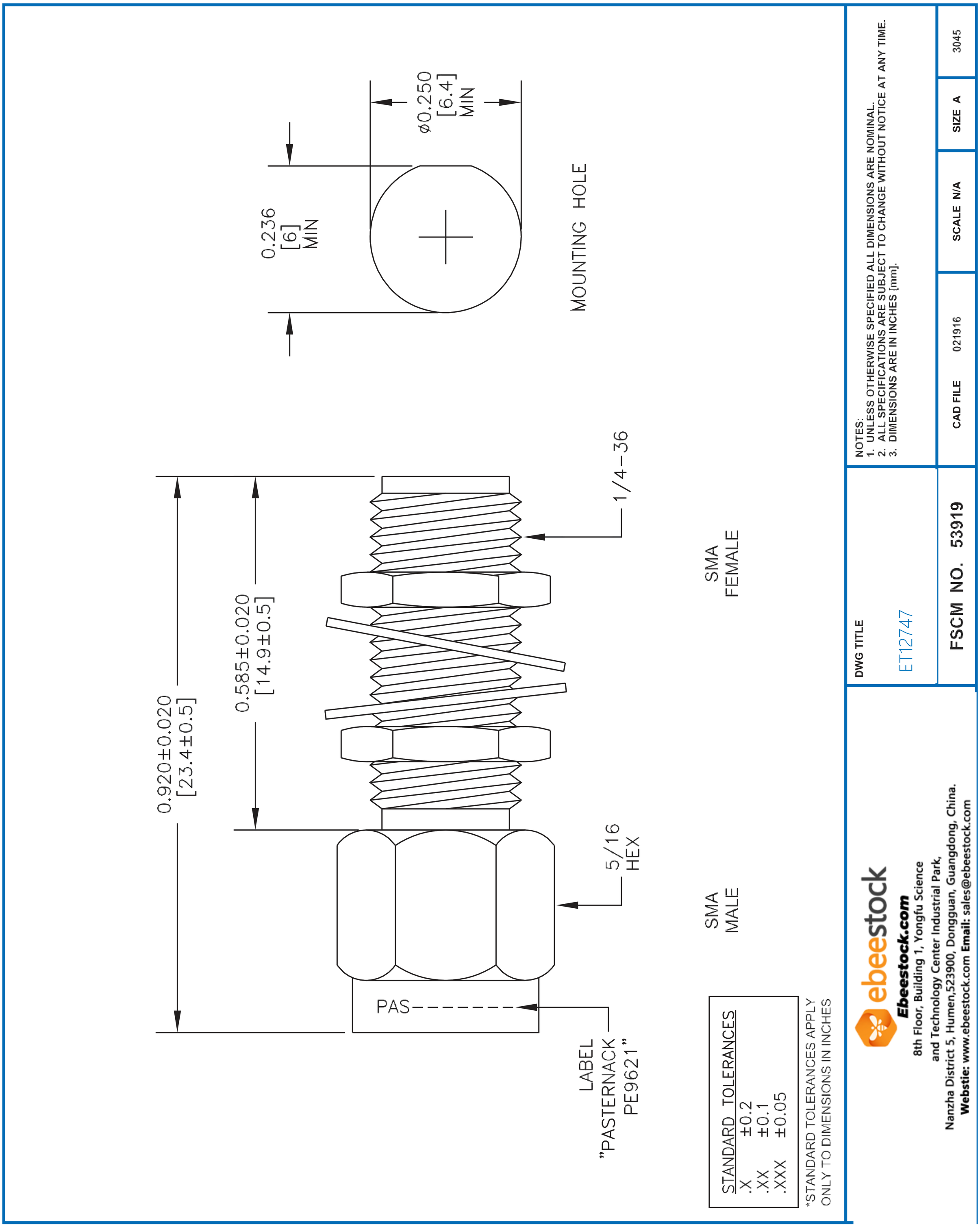
ET12747 CAD Drawing

SMA Male to SMA Female Bulkhead Adapter



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