Bulkhead Mount Hermetically Sealed 75 Ohm N Female to 75 Ohm N Female Adapter

RF Adapters Technical Data Sheet

ET12521

Configuration

- N Female Connector 1
- N Female Connector 2
- 75 Ohms
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.35:1 up to 1.5 GHz
- Hermetically Sealed
- Gold Plated Brass Contact
- 30 µ-in min Gold Contact Plating

Applications

- General Purpose Test
- Vacuum Test Environment
- Rack Mounted Equipment

Description

Ebeestock's ET12521 bulkhead hermetically sealed 75 ohm type N female to type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a female to female gender configuration. ET12521 type N female to type N female adapter operates to 1.5 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 maximum. This RF type N bulkhead to type N 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. This hermetic type N to type N adapter prevents the leakage of gases, making it suitable for high pressure or vacuum applications or whenever an airtight seal is required.

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	1.5	GHz
VSWR		1.35:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

Size

Length	1.54 in [39.12 mm]
Width	0.87 in [22.1 mm]
Weight	0.116 lbs [52.62 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Bulkhead Hermetically Sealed 75 Ohm N Female to N Female Adapter ET12521

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

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Description	Connector 1	Connector 2
Type	N Female	N Female
Polarity	Standard	Standard
Connector Option	Hermetically Sealed	Hermetically Sealed

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	N Female		N Female	
Contact	Brass	Gold 30 µ-in minimum	Brass	Gold 30 µ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 µ-in minimum	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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Bulkhead Hermetically Sealed 75 Ohm N Female to N Female 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.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Bulkhead Hermetically Sealed 75 Ohm N Female to N Female Adapter ET12521

URL: https://www.ebeestock.com/bulkhead-mount-hermetically-sealed-75-ohm-n-female-to-75-ohm-n-female-adapter-0012521

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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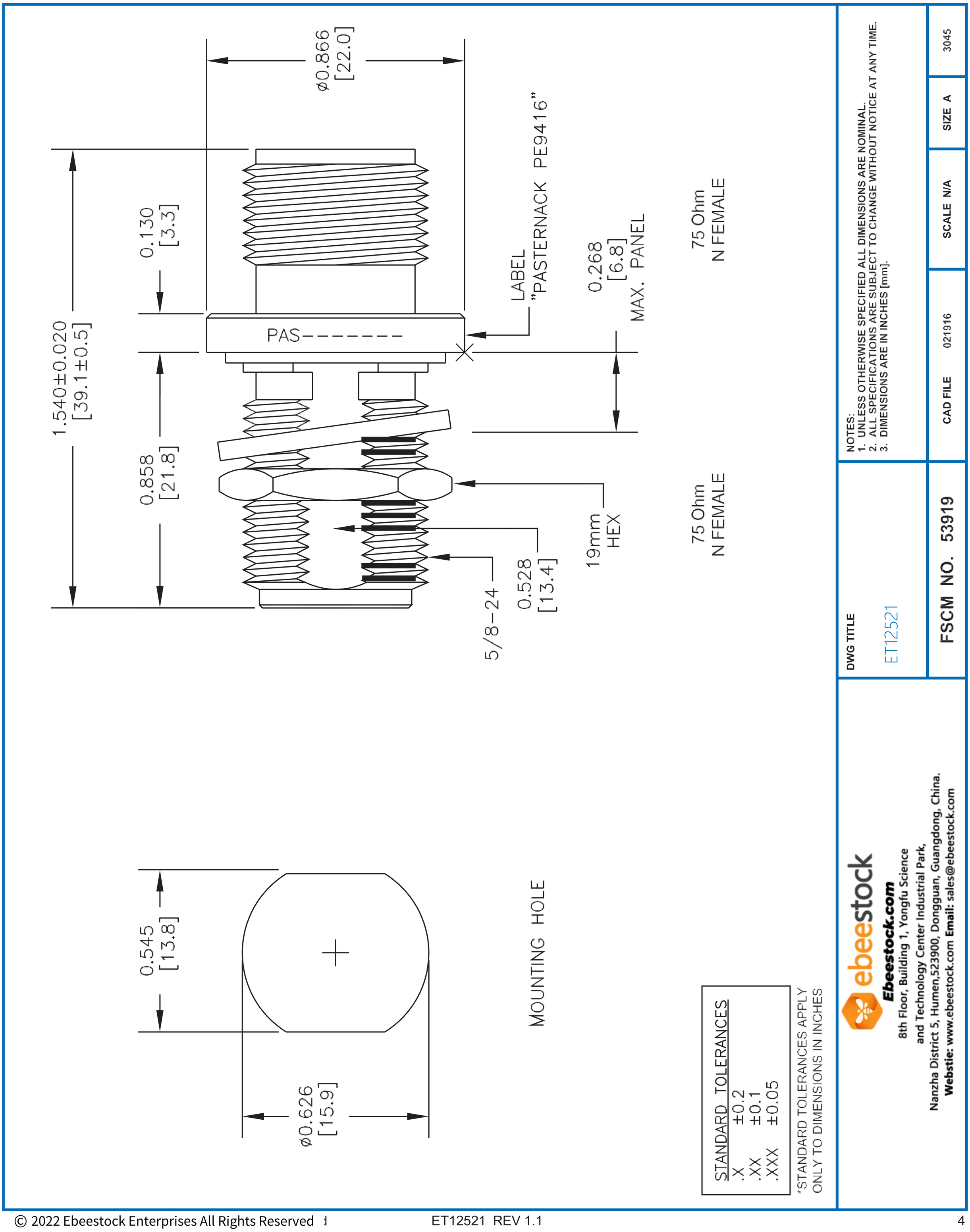
ET12521 CAD Drawing

Bulkhead Hermetically Sealed 75 Ohm N Female to N Female Adapter



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