



0.1 MHz to 18 GHz SMA Bias Tee Rated
to 750 mA and 24 Volts DC

Bias Tees Technical Data Sheet

PE1BT1002

Configuration

RF Port Connector	SMA Female
DC/RF Port Connector	SMA Female
DC Port Connector	Solder Pin

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.0001		18	GHz
Impedance		50		Ohms
VSWR			1.8:1	
Insertion Loss			2	dB
RF to Bias Isolation	30			dB
DC Voltage			24	Vdc
DC Current			750	mA

Mechanical Specifications

Size

Length	1.2 in [30.48 mm]
Width	0.5 in [12.7 mm]
Weight	0.0415 lbs [18.82 g]

Environmental Specifications

Temperature

Operating Range	-55 to +100 deg C
Storage Range	-55 to +150 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0.1 MHz to 18 GHz SMA Bias Tee Rated to 750 mA and 24 Volts DC PE1BT1002](#)



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0.1 MHz to 18 GHz SMA Bias Tee Rated to 750 mA and 24 Volts DC from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

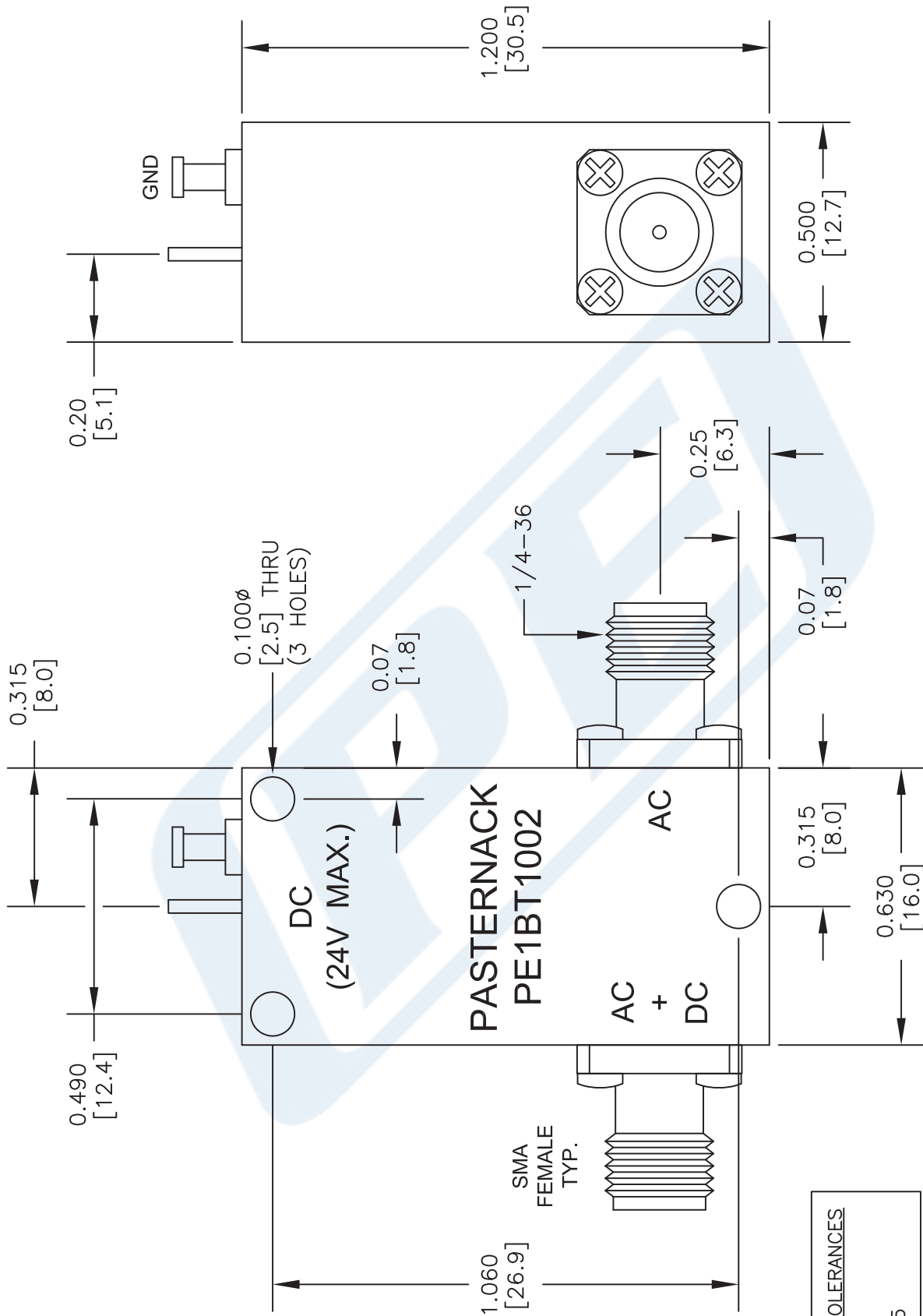
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0.1 MHz to 18 GHz SMA Bias Tee Rated to 750 mA and 24 Volts DC PE1BT1002](https://www.pasternack.com/0.1-mhz-18-ghz-sma-bias-tee-750-ma-24-volts-dc-pe1bt1002-p.aspx)

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

PE1BT1002 CAD Drawing

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NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE1BT1002

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SCALE N/A

SIZE A

2233