



500 MHz to 40 GHz 2.92mm Bias Tee Rated
To 1000 mA And 50 Volts DC

TECHNICAL DATA SHEET

PE1622

Configuration

RF Port Connector	2.92mm Female
RF Port Connector Impedance	50 Ohms
DC/RF Port Connector	2.92mm Female
DC/RF Port Connector Impedance	50 Ohms
DC Port Connector	Pin
Design	Broadband

Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	500 MHz		40 GHz	
RF Port VSWR			2:1	
Insertion Loss			1.8	dB
DC Voltage			50	Volts
DC Current			1,000	mA

Mechanical Specifications

Temperature

Operating Range	-40 to +85 deg C
Storage Range	-55 to +125 deg C
Humidity	MIL-STD-202G
Shock	MIL-STD-202G
Vibration	MIL-STD-202G

Connectors

Description	RF Port Connector	RF/DC Port Connector	DC Port Connector
Type	2.92mm Female	2.92mm Female	Pin

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
REACH Compliant	12/17/2014

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [500 MHz to 40 GHz 2.92mm Bias Tee Rated To 1000 mA And 50 Volts DC PE1622](#)



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500 MHz to 40 GHz 2.92mm Bias Tee Rated To 1000 mA And 50 Volts DC from Pasternack 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.

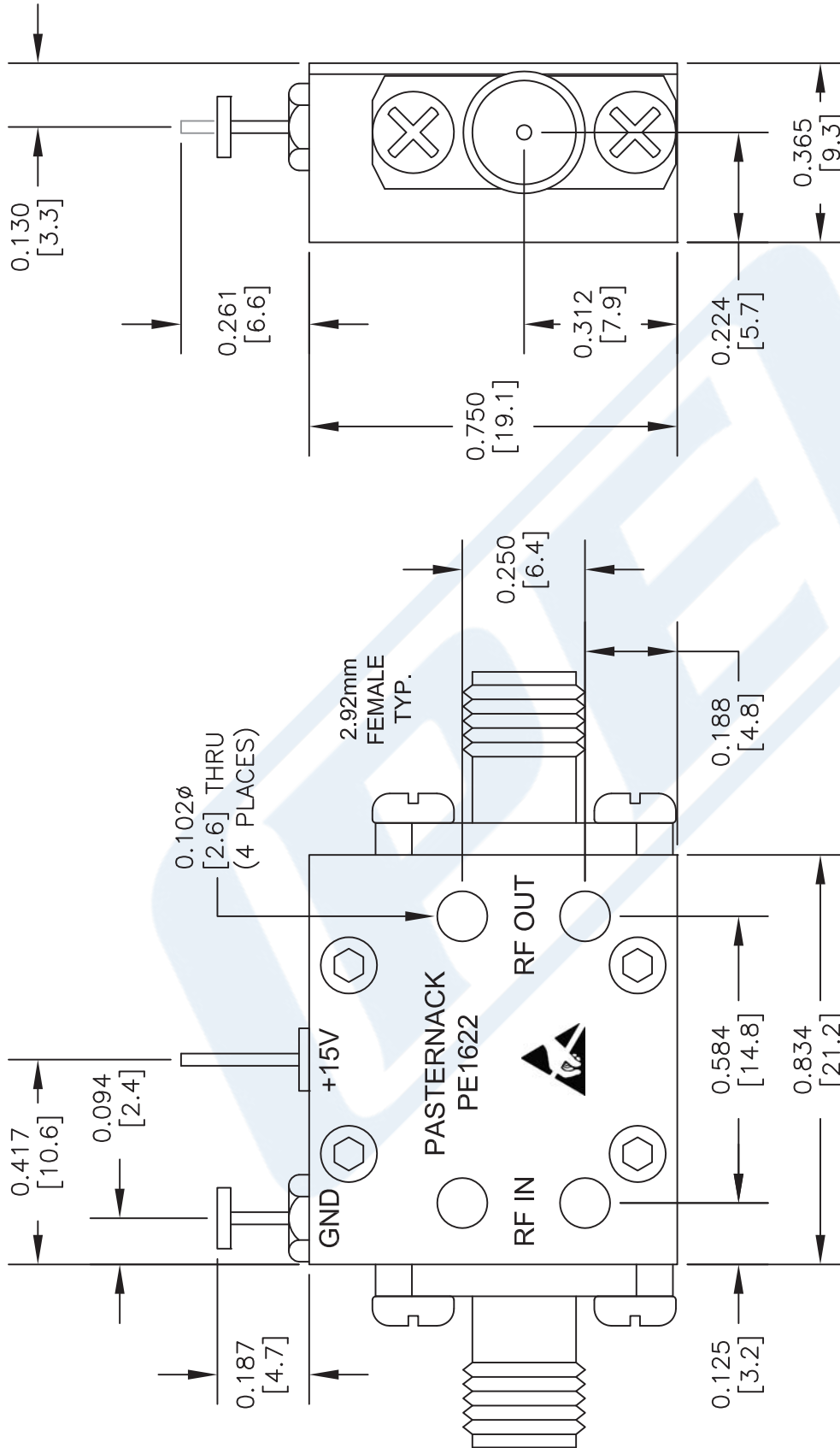
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [500 MHz to 40 GHz 2.92mm Bias Tee Rated To 1000 mA And 50 Volts DC PE1622](http://www.pasternack.com/500-mhz-40-ghz-2.92mm-bias-tee-0-ma-0-volts-dc-pe1622-p.aspx)

URL: <http://www.pasternack.com/500-mhz-40-ghz-2.92mm-bias-tee-0-ma-0-volts-dc-pe1622-p.aspx>

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.

PE1622 CAD Drawing

500 MHz to 40 GHz 2.92mm Bias Tee Rated To 1000 mA And 50 Volts DC



NOTE:
HEAT SINK REQUIRED FOR PROPER OPERATION,
UNIT IS COOLED BY CONDUCTING TO HEAT SINK.

PE PASTERNAK
THE ENGINEER'S RF SOURCE

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DWG TITLE

PE1622

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].

FSCM NO. 53919

CAD FILE 121515

SCALE N/A

SIZE A

2233