

2.92mm Bias Tee From 0.03 MHz to 40 GHz Rated To 500 mA And 25 Volts DC

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	30 KHz		40 GHz	
RF Port VSWR			2:1	
Insertion Loss			4.75	dB
RF Input Power			1	Watts
DC Voltage			25	Volts
DC Current			500	mA

(Values at 25°C, sea level)

Mechanical Specifications

Size

Length	1.2 in [30.48 mm]
Width/Dia.	0.63 in [16 mm]
Height	0.5 in [12.7 mm]

Connectors

RF Connector

Description	Connector
Type	2.92mm Female
Torque	8 in-lbs [0.9 Nm]

RF/DC Connector

Description	Connector
Type	2.92mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel

DC Port

Description	Port
Type	Pin Female

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

RoHS Compliant Yes

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

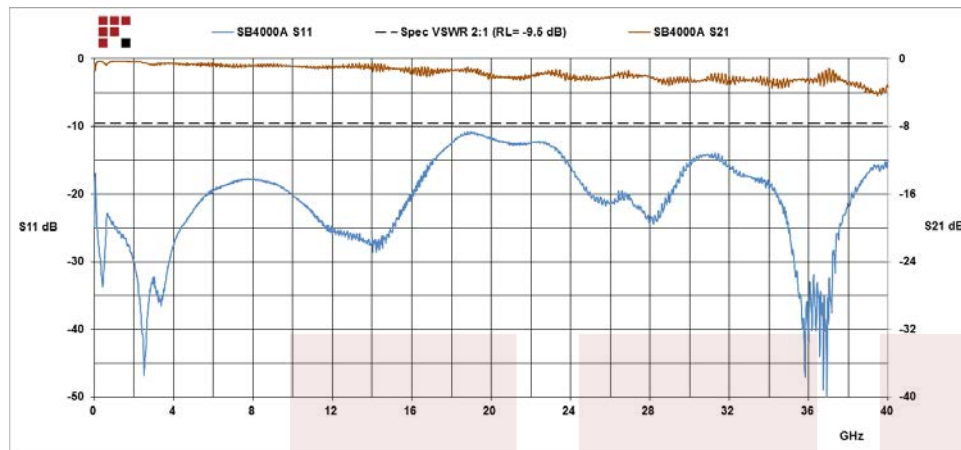


Features:

- RF Connector: 2.92mm Female
- RF Connector Impedance: 50 Ohms
- DC/RF Connector: 2.92mm Female
- DC/RF Connector Impedance: 50 Ohms
- DC Port: Pin Female

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Typical Performance Data

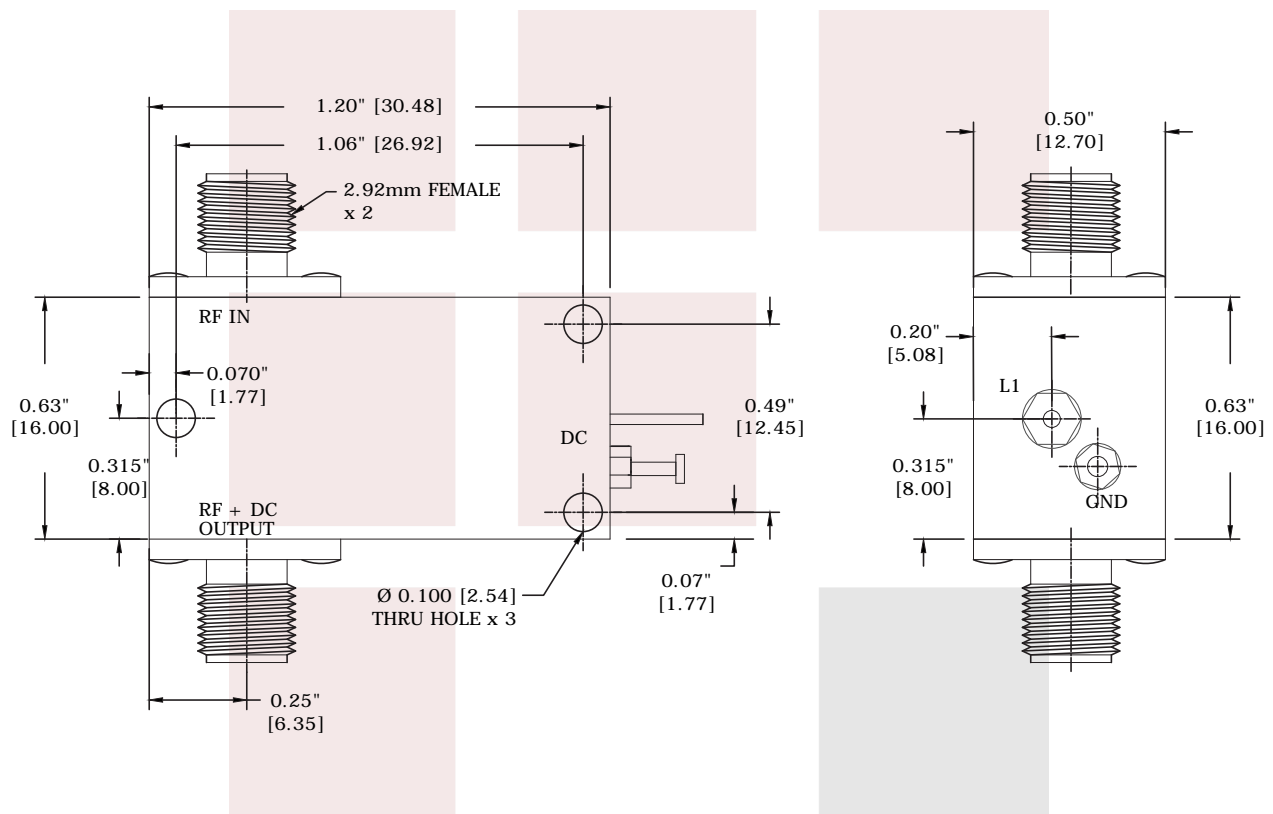


2.92mm Bias Tee From 0.03 MHz to 40 GHz Rated To 500 mA And 25 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2.92mm Bias Tee From 0.03 MHz to 40 GHz Rated To 500 mA And 25 Volts DC SB4000A](http://www.fairviewmicrowave.com/2.92mm-bias-tee-0.03-mhz-40-ghz-500-ma-25-volts-dc-sb4000a-p.aspx)

URL: <http://www.fairviewmicrowave.com/2.92mm-bias-tee-0.03-mhz-40-ghz-500-ma-25-volts-dc-sb4000a-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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TITLE
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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 NO

SB4000A

CAGE CODE

3FKR5

CAD FILE

011415

SHEET

SCALE N/A

SIZE A

5568