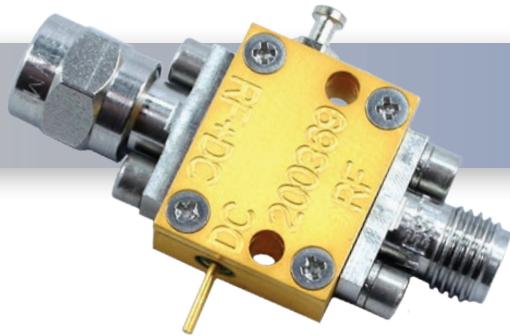


Part No:

# HBT40-20040-MF



## 200 MHz to 40 GHz Bias Tee with 2.92mm Male Input and 2.92mm Female Output

### Electrical

- Frequency Range 200 MHz - 40 GHz
- VSWR 2.0:1 Max
- Insertion Loss 1.5dB Typical
- Return Loss -15dB Typical
- Impedance 50 Ohms
- Voltage 50V Max
- Maximum DC Current 225mA

### Environmental Data

- Temperature Range -55°C - +125°C

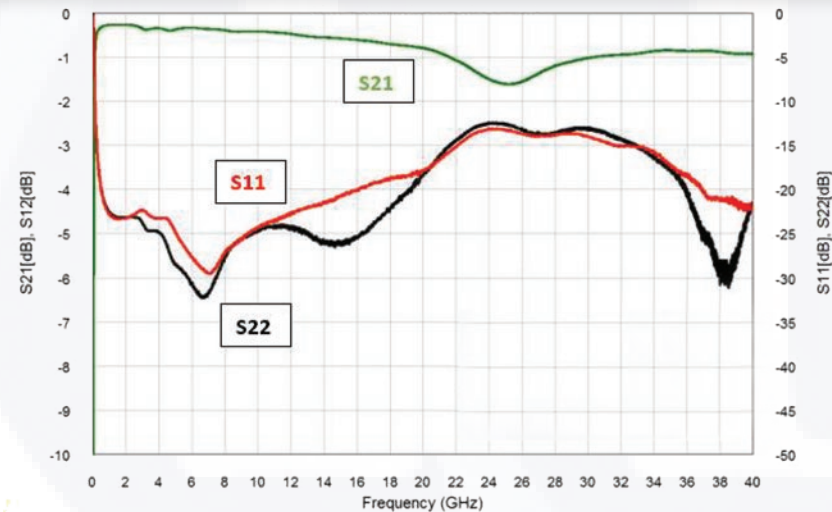
### Material

- Housing Gold Plated OFHC
- Center Conductor Gold Plated BeCu
- Dielectric High Temperature Plastic Bead

The HASCO Bias Tee **HBT40-20040-MF** is rated to 16V Max and operates from 200 MHz to 40 GHz. This versatile package uses 2.92 mm male to 2.92 mm female connectors. It is also available in Male to Male and Female to Female configurations.

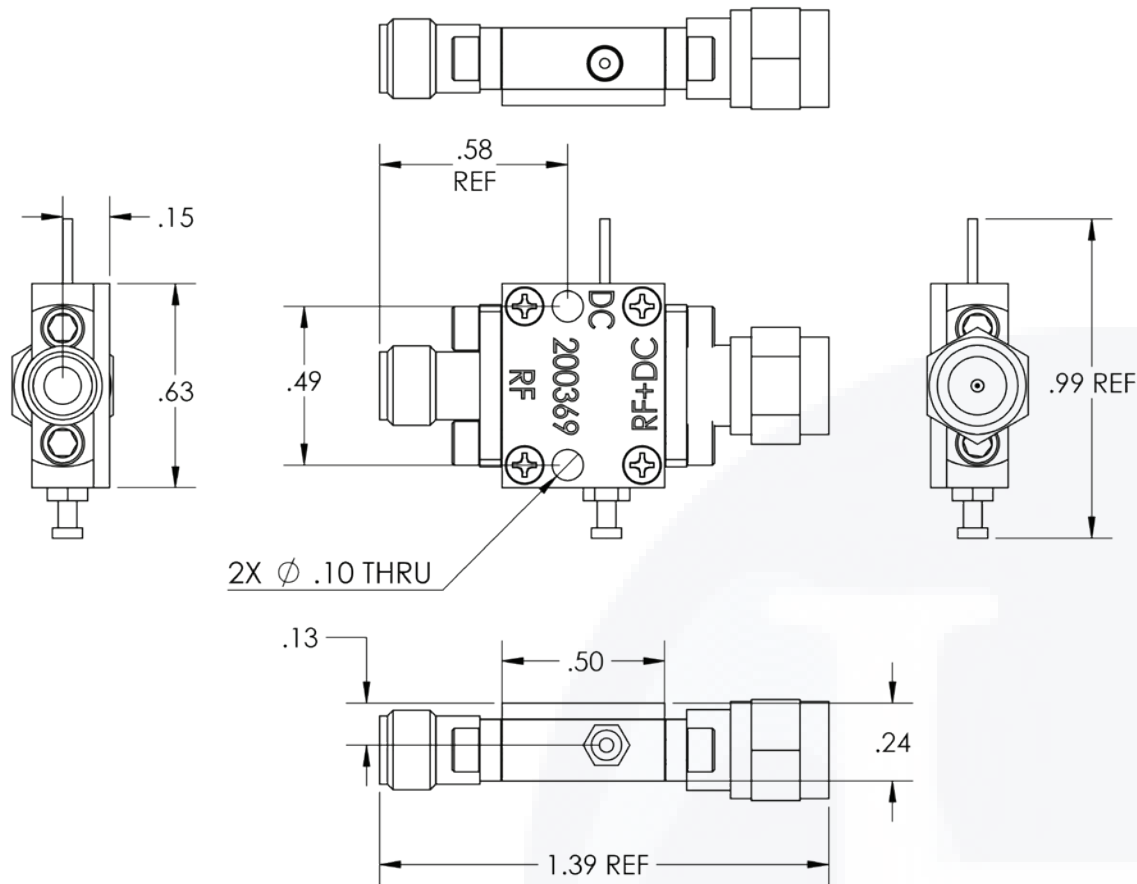
A bias tee is a three-port network used for setting the DC bias point of some electronic components without disturbing other components. The bias tee is a diplexer. The low-frequency port is used to set the bias; the high-frequency port passes the radio-frequency signals but blocks the biasing levels; the combined port connects to the device, which sees both the bias and RF. Properties that are important to a bias tee are RF bandwidth, insertion loss and mismatch at the two RF ports, the maximum DC current, and video bandwidth of the DC port.

### Typical S Parameter Data




To view online, go to: <https://www.hasco-inc.com/bias-tees/200-mhz-to-40-ghz-bias-tee-with-2-92mm-male-input-and-2-92mm-female-output/>

HBT40-20040-MF | 200 MHz - 40 GHz | Outline Drawing



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LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: ABC	CHECKED BY: ABC		5214 Bonsai Street • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com <a href="http://www.hasco-inc.com">www.hasco-inc.com</a>			
-	RELEASE	12/16	TAC	APPROVED BY: ABC						
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.			MATERIALS:	CAGE CODE:	SCALE:	SIZE:
							SEE DATA SHEET	OT8L4	N/A	A
							FINISHES:	PART NO./DRAWING NO.		REV:
							SEE DATA SHEET	<b>HBT40-20040-MF</b>		-
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