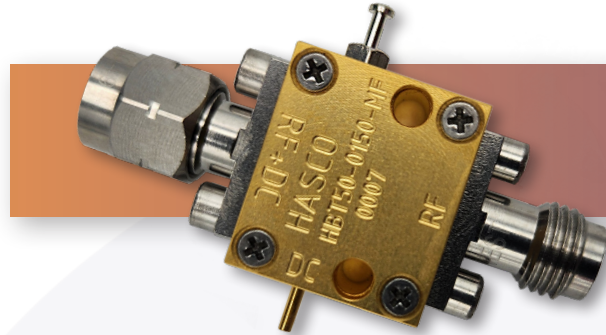


Part No:

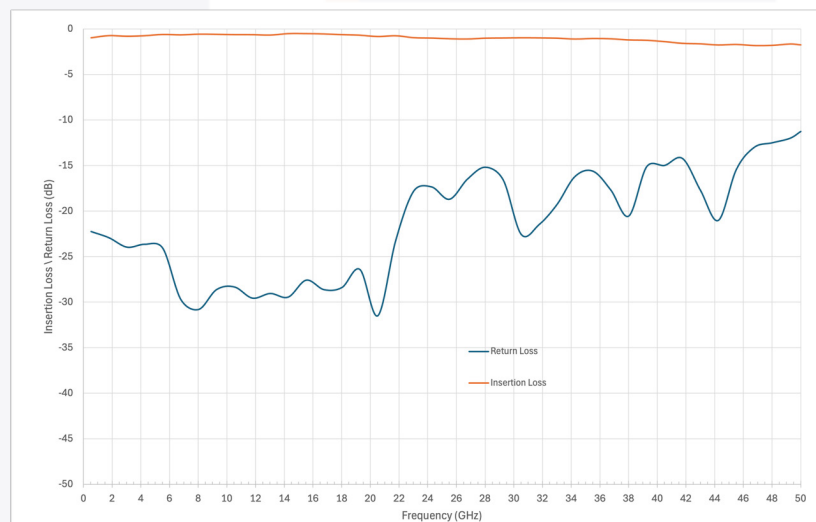
HBT50-0150-MF



Bias Tee with 2.4mm Female to 2.4mm Male Connectors - 50 GHz

The HASCO **HBT50-0150-MF** is a 50 GHz Bias Tee with 2.4mm Female to 2.4mm Male connectors.

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.



Electrical

• RF Frequency Range	0.1 - 50 GHz
• DC Frequency Range	DC - 400 KHz
• Insertion Loss	1.75 dB
• Return Loss	-15 dB (0.1 - 22 GHz) -20 dB (22 - 50 GHz)
• VSWR	1.55:1 Max
• Voltage	35 V @ 250 mA

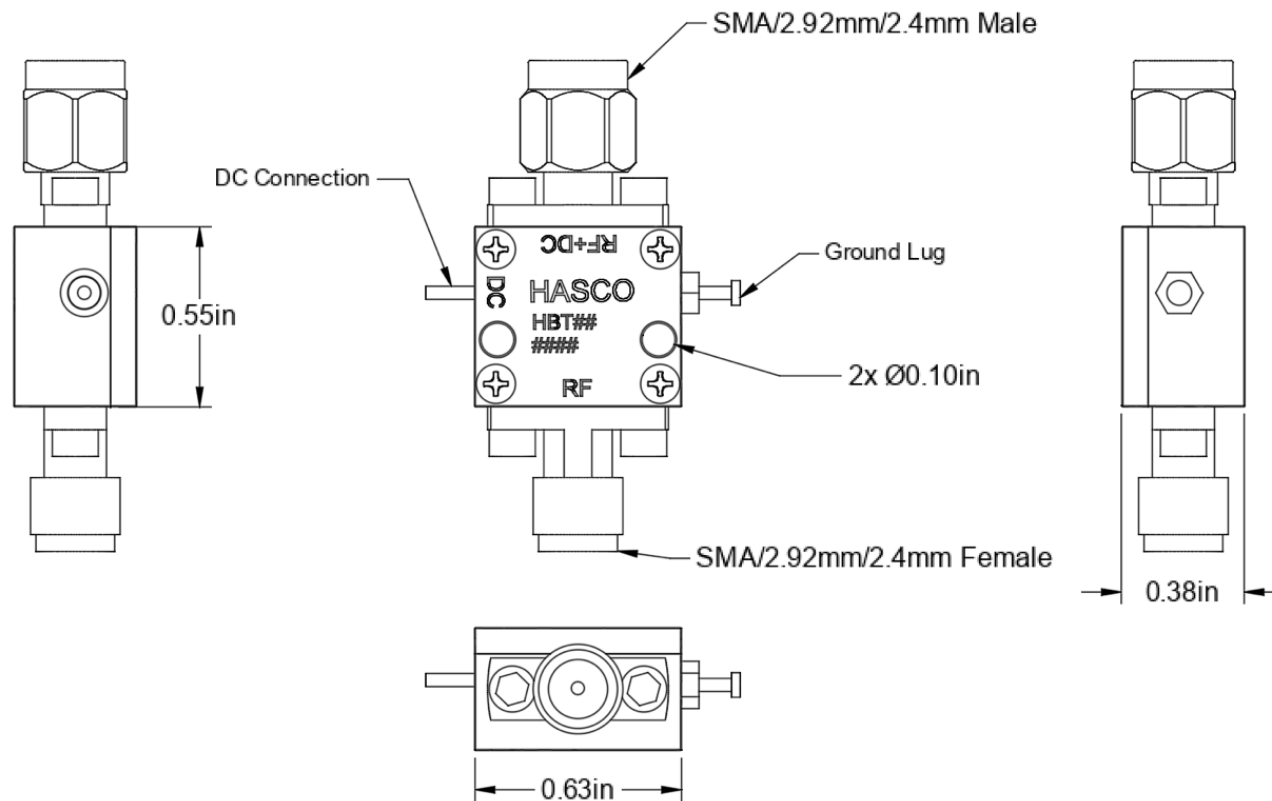
Environmental


• Temperature Range	-55°C to 125°C
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Material

• Body	Gold plated Brass
• Dielectric	PTFE
• Center Contact	Gold plated BeCu

Bias Tee with 2.4mm Female to 2.4mm Male Connectors | 0.1 - 50 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	<div><div></div><div>HASCO COMPONENTS</div></div> <div>5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com</div>					
-	RELEASE	6/25	TC		APPROVED BY: TC						
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						SEE DATA SHEET		OT8L4	N/A	A	
						FINISHES:		PART NO./DRAWING NO.		REV:	
						SEE DATA SHEET		HBT50-0150-MF		-	
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