

Excellent Integrated System Limited

Stocking Distributor

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[Johanson Technology Inc.](#)
[2450BP39C100CE](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

"High Frequency Ceramic Solutions"

2.45 GHz Band Pass Filter

P/N 2450BP39C100C

Detail Specification: 08/12/03

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General Specifications

Part Number	2450BP39C100C	
Frequency (MHz)	2400 ~ 2500	
Insertion Loss	1.5 dB max.	
Return Loss	9.5 dB min.	
Attenuation (min.)	880 ~ 915MHz	30 dB
Attenuation (min.)	1710 ~ 1785MHz	30 dB
Attenuation (min.)	1850 ~ 1910MHz	25 dB
Attenuation (min.)	4800 ~ 5000MHz	25 dB
Attenuation (min.)	7200 ~ 7500MHz	15 dB

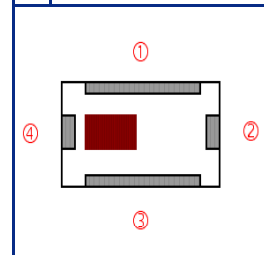
Input Power	500 mW max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	3,000

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

	In	mm	
L	0.098 $\pm$ 0.008	2.50 $\pm$ 0.20	
W	0.079 $\pm$ 0.008	2.00 $\pm$ 0.20	
T	0.035 $\pm$ 0.004	0.90 $\pm$ 0.10	
a	0.012 $\pm$ 0.008	0.30 $\pm$ 0.20	
b	0.024 $\pm$ 0.008	0.60 $\pm$ 0.20	
c	0.012 $\pm$ 0.008	0.30 $\pm$ 0.20	

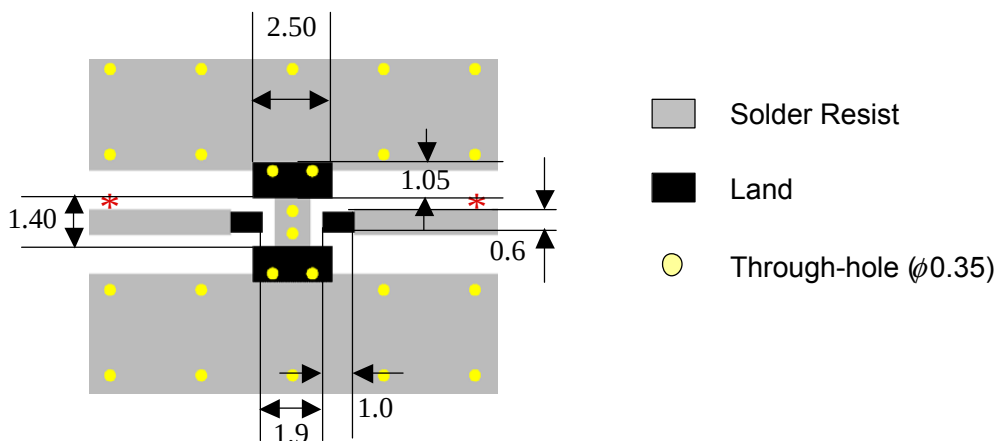


Mounting Considerations

Mount these devices with brown mark facing up.

Line width should be designed to provide 50 Ω impedance matching characteristics.

Units: mm



Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.

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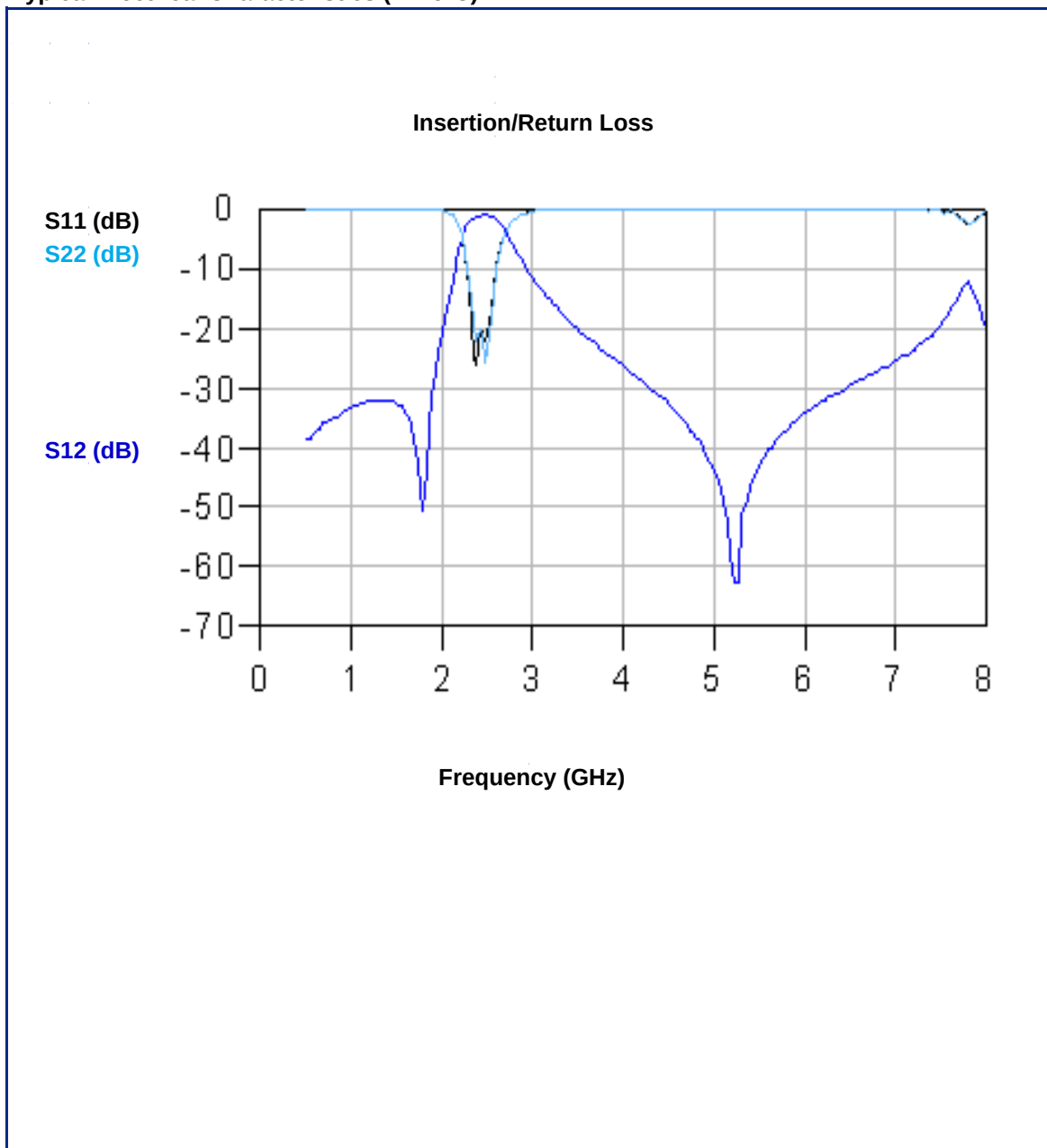
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Typical Electrical Characteristics (T=25°C)



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