

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Johanson Technology Inc.](#)
[2450LP07A0100T](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

"High Frequency Ceramic Solutions"

Preliminary

2.45 GHz Low Pass Filter

Detail Specification: 10/27/10

P/N 2450LP07A0100

Page 1 of 2

General Specifications

Part Number	2450LP07A0100
Frequency (MHz)	2400 - 2500
Insertion Loss	0.45 dB max. @ 25°C 0.55 dB max. @ -40~85°C
Return Loss	11.7 dB min.
Attenuation (min.)	21 dB @ 4800 - 5000 MHz
Attenuation (min.)	21 dB @ 7200 - 7500 MHz

Impedance	50 Ω
Reel Quantity	10,000
Input Power	2W max.
Operating Temperature	-40 to +85°C
Storage Temperature	+5 to +35°C, Humidity: 45-75%RH, 12 mos. Max

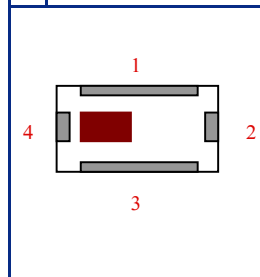
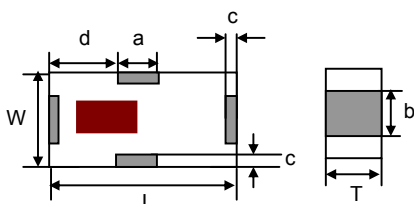
P/N Suffix	Packaging	Bulk	Suffix = S	Eg. 2450LP07A0100S
	Style	T & R	Suffix = T	Eg. 2450LP07A0100T
	Termination	100% Tin	Suffix = None	Eg. 2450LP07A0100(S or T)
	Style	Tin / Lead	Suffix = /Pb	Eg. 2450LP07A0100(S or T)/Pb

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

	In	mm
L	0.039 ± 0.002	1.00 ± 0.05
W	0.020 ± 0.002	0.50 ± 0.05
T	0.016 max.	0.40 max.
a	0.012 ± 0.004	0.30 ± 0.10
b	0.012 ± 0.004	0.30 ± 0.10
c	0.004 ± 0.002	0.10 ± 0.05
d	0.014 ± 0.004	0.35 ± 0.10

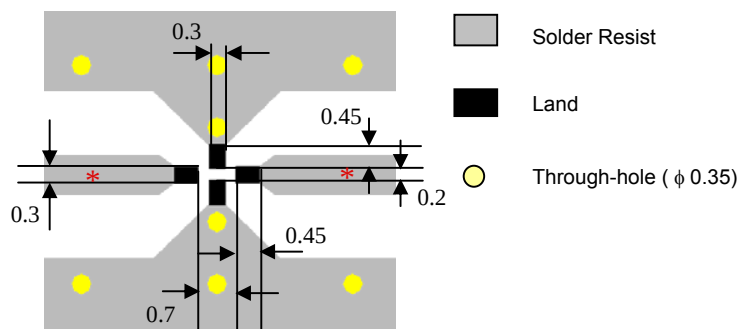


Mounting Considerations

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.

"High Frequency Ceramic Solutions"

Preliminary

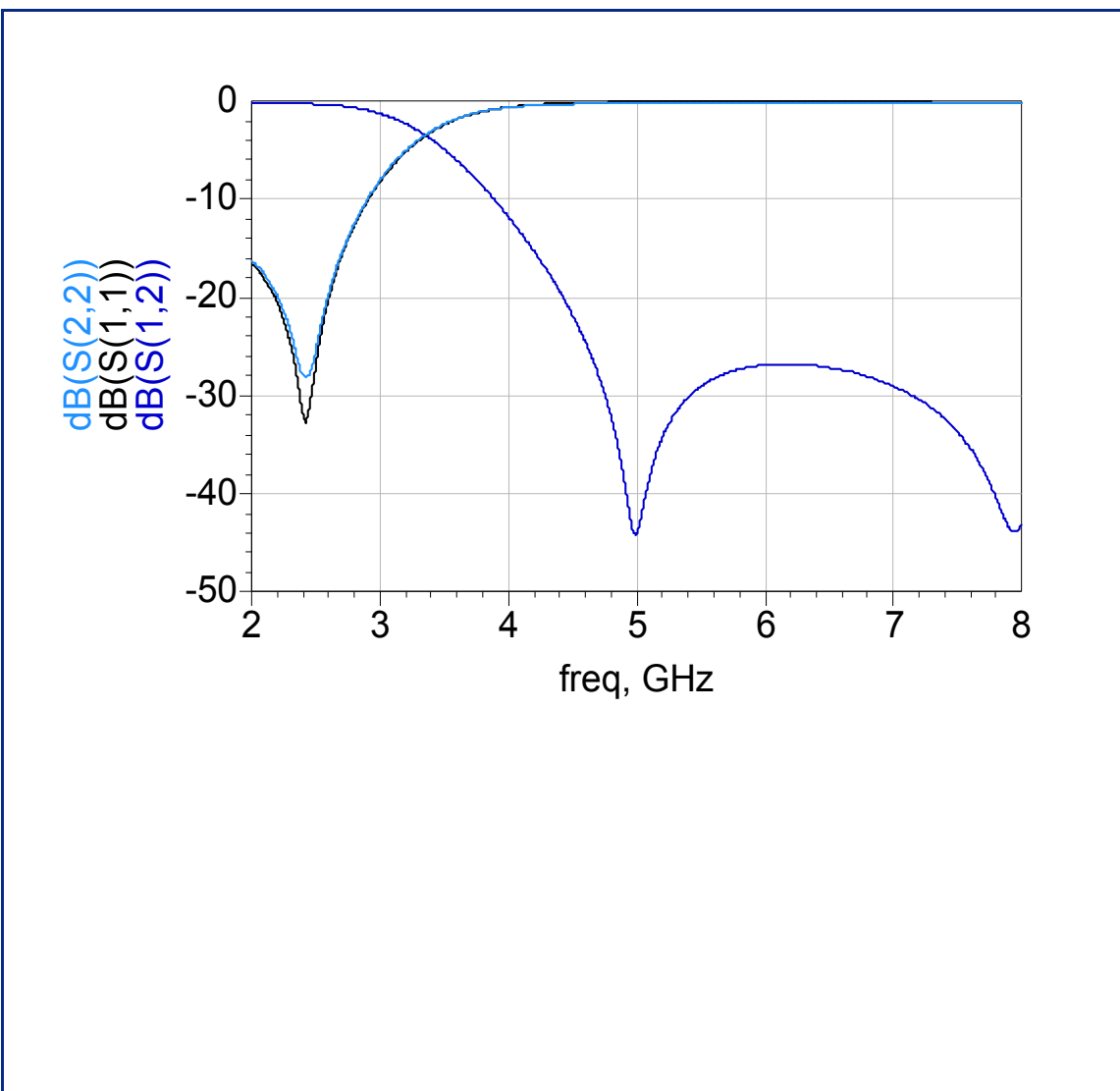
2.45 GHz Low Pass Filter

P/N 2450LP07A0100

Detail Specification: 10/27/10

Page 2 of 2

Typical Electrical Performance (T=25°C)



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

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