

Excellent Integrated System Limited

Stocking Distributor

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

[Johanson Technology Inc.](#)
[1810LP07B200T](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

High Frequency Ceramic Solutions

1810 MHz Low Pass Filter **P/N 1810LP07B200**
 Detail Specification: 10/27/10 Page 1 of 2

General Specifications

Part Number	1810LP07B200
Frequency (MHz)	1710 - 1910
Insertion Loss	0.6 dB max.
Return Loss	9.5 dB min.
Attenuation (min.)	26 dB @ 3420 ~ 3570 MHz
Attenuation (min.)	21 dB @ 3700 ~ 3820 MHz
Attenuation (min.)	21 dB @ 5130 ~ 5730 MHz

Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	10,000
Input Power	500 mW max.

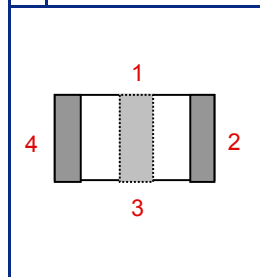
P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 1810LP07B200S
		T & R	Suffix = T	Eg. 1810LP07B200T
	Termination Style	100% Tin	Suffix = None	Eg. 1810LP07B200(S or T)
		Tin / Lead	Suffix = /Pb	Eg. 1810LP07B200(S or T)/Pb

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	0.015 ± 0.002	0.38 ± 0.05	
a	0.006 ± 0.004	0.15 ± 0.10	
b	0.010 ± 0.004	0.25 ± 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.

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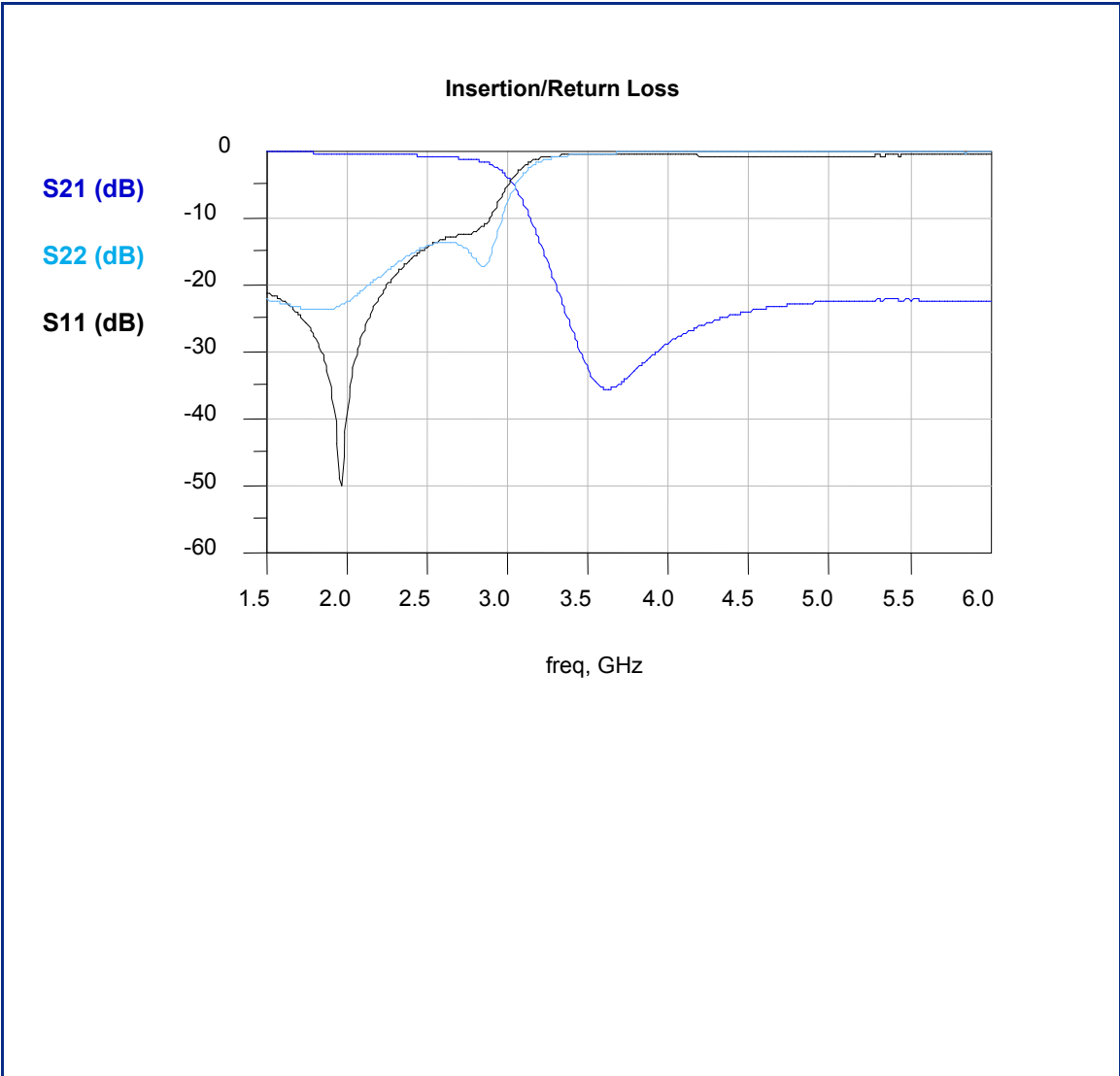
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Typical Electrical Performance (T=25°C)



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