

Excellent Integrated System Limited

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[Johanson Technology Inc.](#)
[1810BP07D200E](#)

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

"High Frequency Ceramic Solutions"

1810 MHz Band Pass Filter **P/N 1810BP07B200**
 Detail Specification: 06/21/06 Page 1 of 2

General Specifications

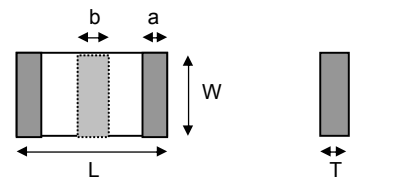
Part Number	1810BP07B200
Frequency (MHz)	1710 - 1910
Insertion Loss	2.0 dB max.
Return Loss	9.5 dB min.
Attenuation (min.)	20 dB @ 855 - 955 MHz
Attenuation (min.)	12 dB @ 2565 - 2865 MHz

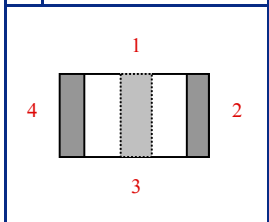
Impedance	50 Ω
Input Power	500 mW max.
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	10,000

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 1810BP07B200S
		T & R	Suffix = E	Eg. 1810BP07B200E
	Termination Style	100% Tin	Suffix = None	Eg. 1810BP07B200(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 1810BP07B200(E or S)00P

Terminal Configuration	
No.	Function
1	GND
2	OUT
3	GND
4	IN

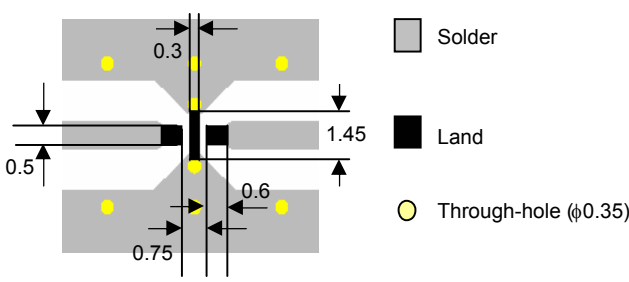
Mechanical Dimensions

	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 ohm impedance, depending on PCB material and thickness



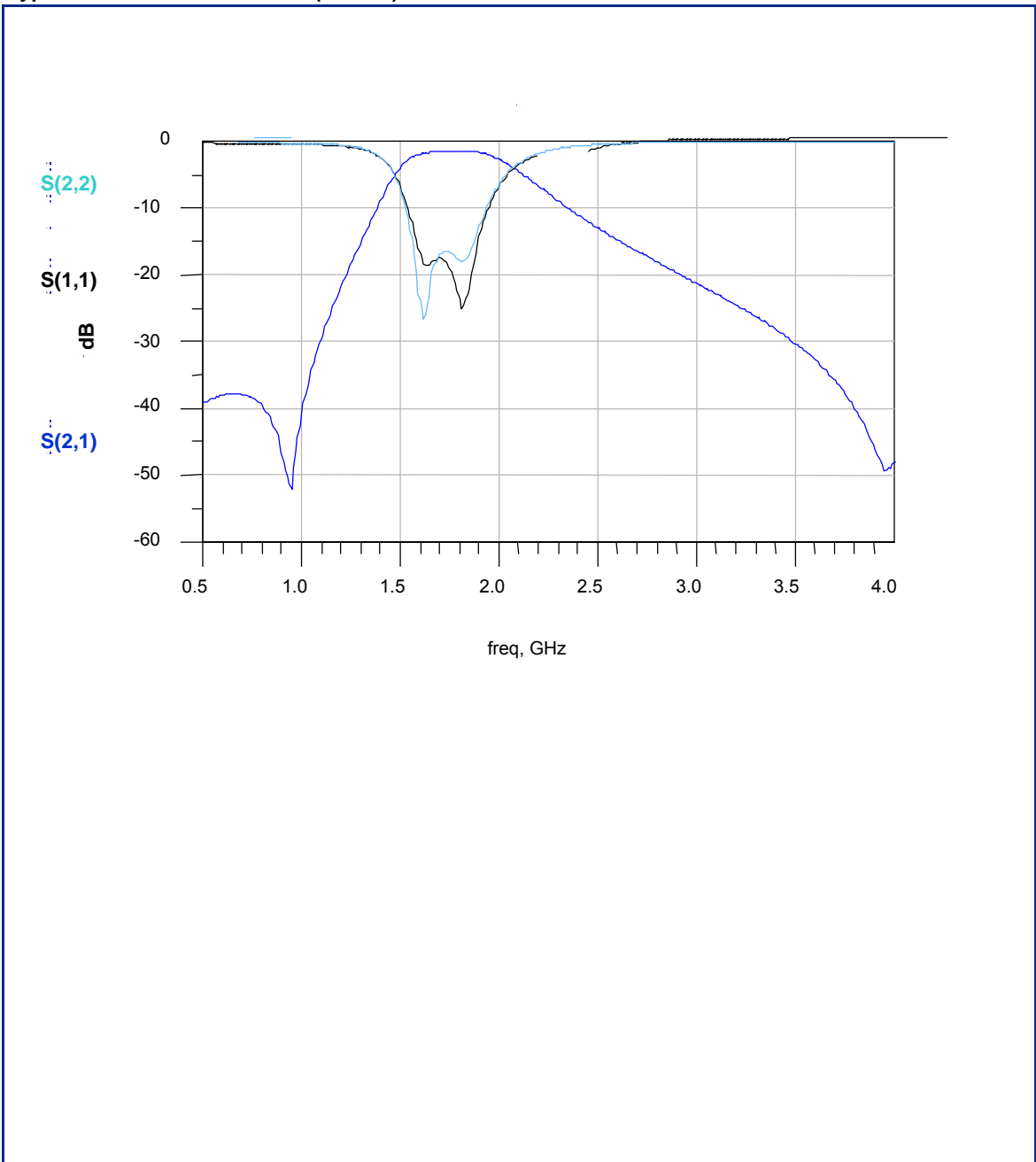
Units: mm

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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Typical Electrical Performance (T=25°C)



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