

"High Frequency Ceramic Solutions"

1810 MHz Band Pass Filter

P/N 1810BP07C200

Detail Specification: 06/21/06

Page 1 of 2

General Specifications

Part Number	1810BP07C200
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.)	10 dB @ 2565 - 2865 MHz

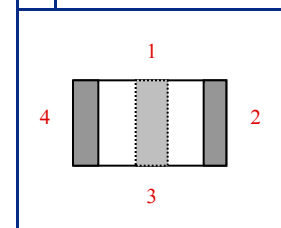
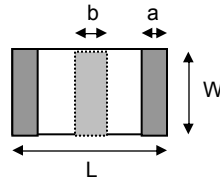
Impedance	50 Ω
Input Power	500 mW max.
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	10,000

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 1810BP07C200S
	Style	T & R	Suffix = E	Eg. 1810BP07C200E
	Termination Style	100% Tin	Suffix = None	Eg. 1810BP07C200(E or S)
	Style	Tin / Lead	Suffix = /Pb	Eg. 1810BP07C200(E or S)00P

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

Mechanical Dimensions

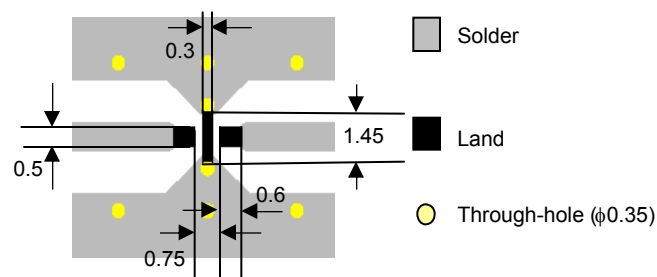
	In	mm
L	0.039 ± 0.002	1.00 ± 0.05
W	0.020 ± 0.002	0.50 ± 0.05
T	0.015 ± 0.002	0.38 ± 0.05
a	0.006 ± 0.004	0.15 ± 0.10
b	0.010 ± 0.004	0.25 ± 0.10



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.

"High Frequency Ceramic Solutions"

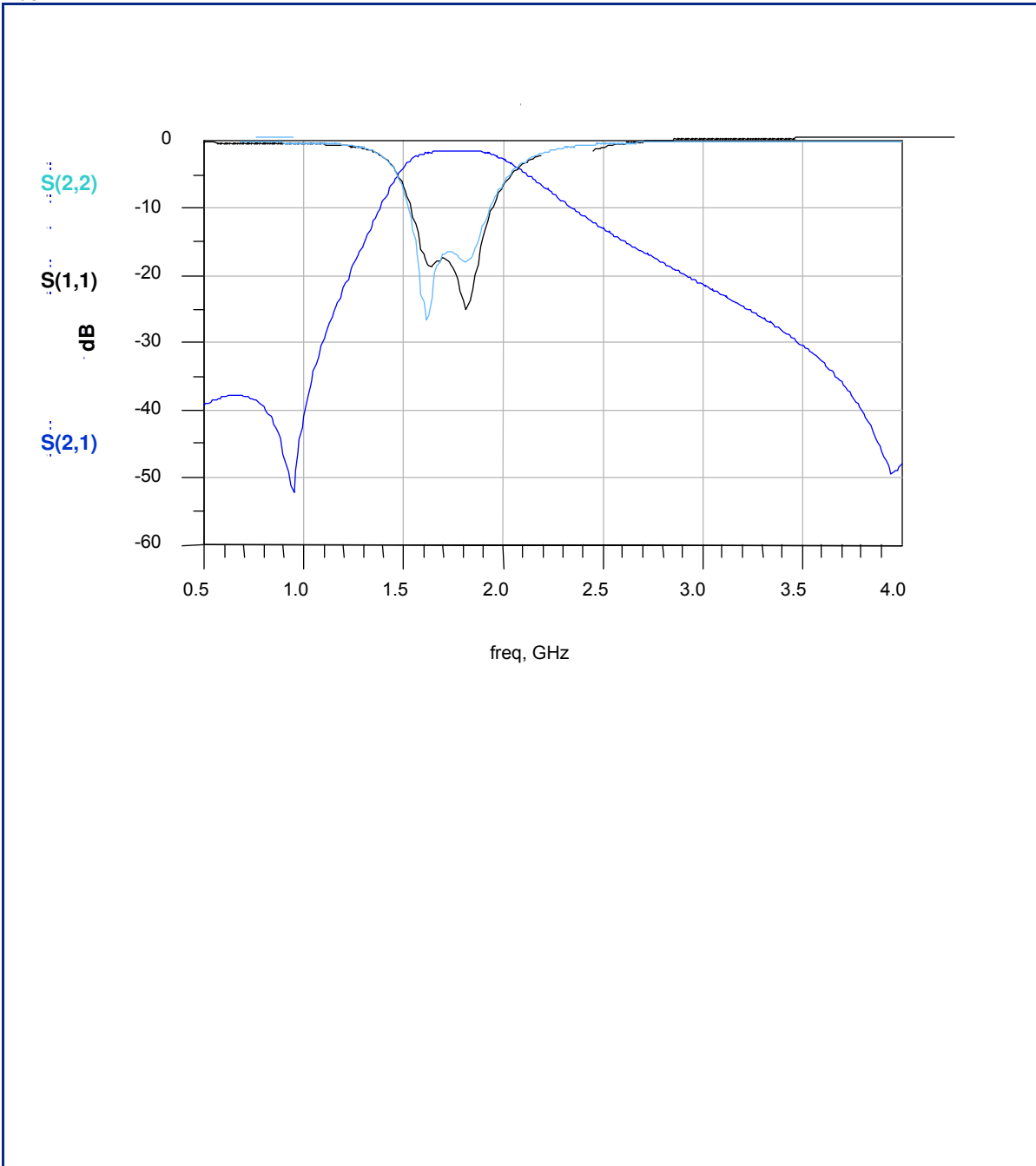
1810 MHz Band Pass Filter

P/N 1810BP07B200

Detail Specification: 06/21/06

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.



www.johansontechnology.com

931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2003 Johanson Technology, Inc. All Rights Reserved