

"High Frequency Ceramic Solutions"

1.81 GHz Low Pass Filter

P/N 1810LP14A200

Detail Specification 01/06/2003

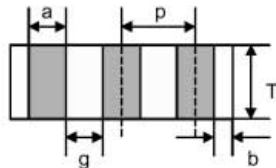
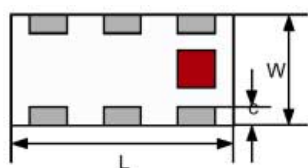
Page 1 of 2

Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss
1810LP14A200_	1710 - 1910	0.6 dB max.	30 dB @ 3420 - 3570 MHz 25 dB @ 3700 - 3820 MHz 20 dB @ 5130 - 5730 MHz	11.7 dB min.

Input Power	Impedance	Operating Temperature Range
3 Watt max	50 Ω	-40 to +85°C

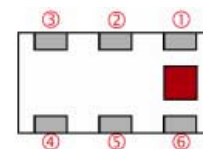
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.063 ± .004	0.032 ± .004	0.024 ± .004	.008 ± .004	0.008 ± .004/-0.006	.006 ± .004	0.012 ± .004	0.020 ± .002
mm	1.6 ± 0.1	0.80 ± 0.1	0.60 ± 0.1	0.20 ± 0.1	0.20 ± 0.1/-0.15	0.15 ± 0.1	0.30 ± 0.1	0.50 ± 0.05






Terminal Configuration

No.	Function	No.	Function
1	GND	4	OUT
2	NC	5	GND
3	GND	6	IN

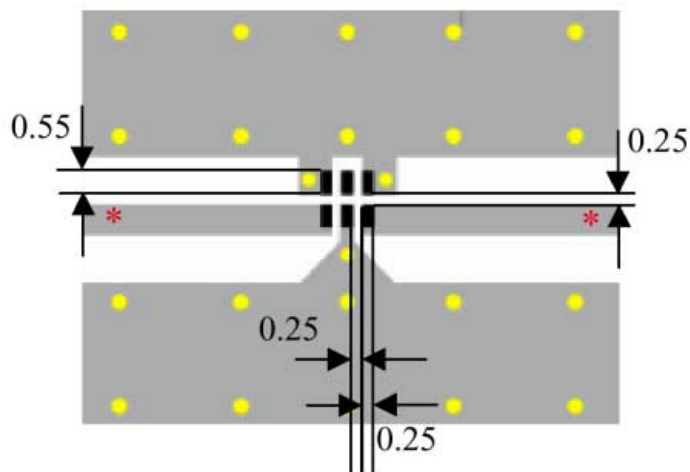


Mounting Considerations

- Mount these devices with brown mark facing up.
- Line width should be designed to provide 50 Ω impedanc

-  Solder Resist
-  Land
-  Through-hole (ϕ 0.35)

Unit=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”

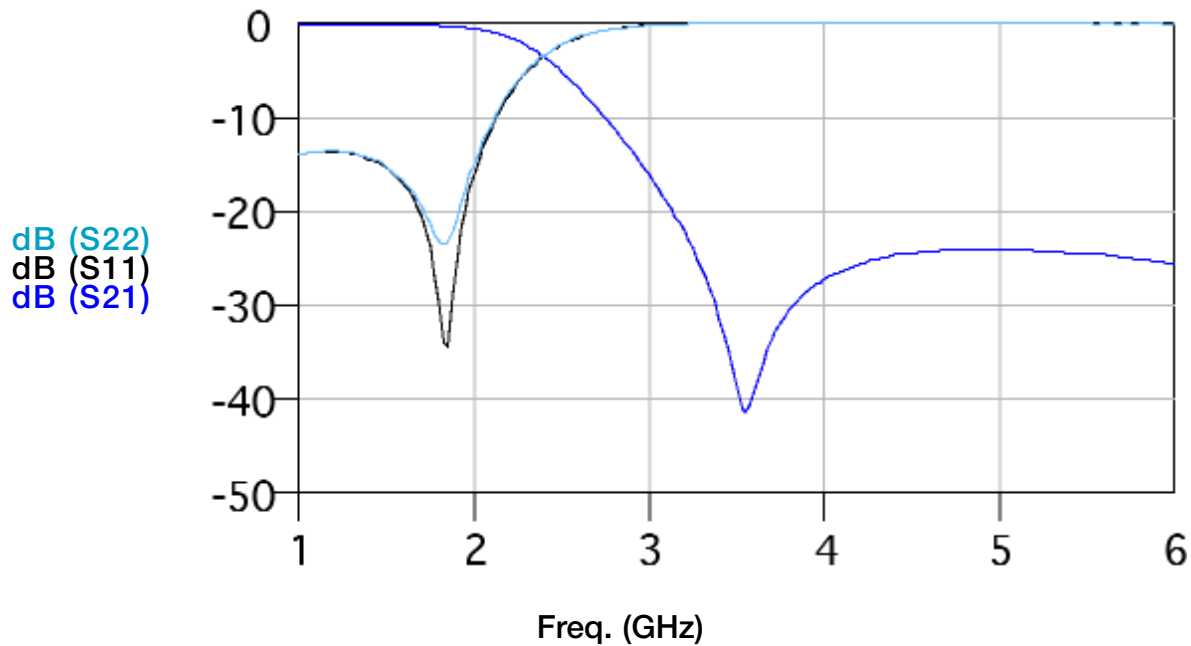
1.81 GHz Low Pass Filter

Detail Specification 01/06/2003

P/N 1810LP14A200

Page 2 of 2

Typical Insertion Loss / Return Loss



Delivery

Packaged in embossed tape on 7" reels (4000 / reel)
Standard delivery is eight weeks or sooner ARO