1.81 GHz Low Pass Filter

P/N 1810LP07A200

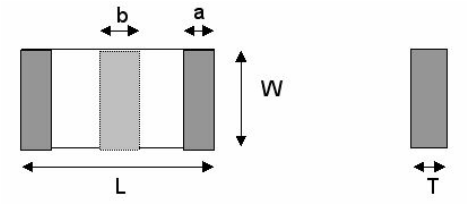
Detail Specification 02/13/2003

Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss
1810LP07A200_	1710 - 1910	0.5 dB max.	20 dB @ 2 x Fo 20 dB @ 3 x Fo	10.9 dB min.

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

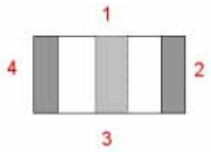
Mechanical Dimensions

	L	W	T	a	b
Inches	0.039 ± .002	0.020± .002	0.015 ± .002	.006 ± .004	0.010 ± .004
mm	1.0 ± 0.05	0.50 ± 0.05	0.38 ± 0.05	0.15 ± 0.1	0.25 ± 0.1



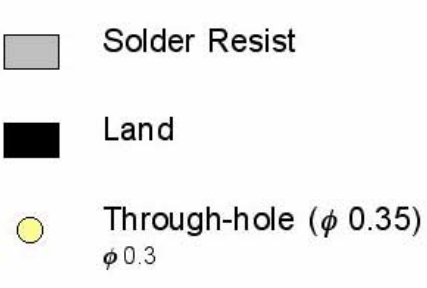
Terminal Configuration

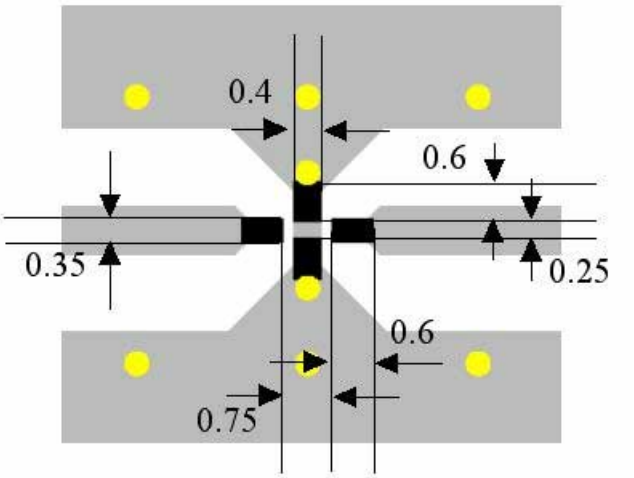
No.	Function	No.	Function
1	GND	2	OUT
3	GND	4	IN



Mounting Considerations

Mount these devices with brown mark facing up.
Line width should be designed to provide 50Ω impedance matching characteristics.
Units: mm





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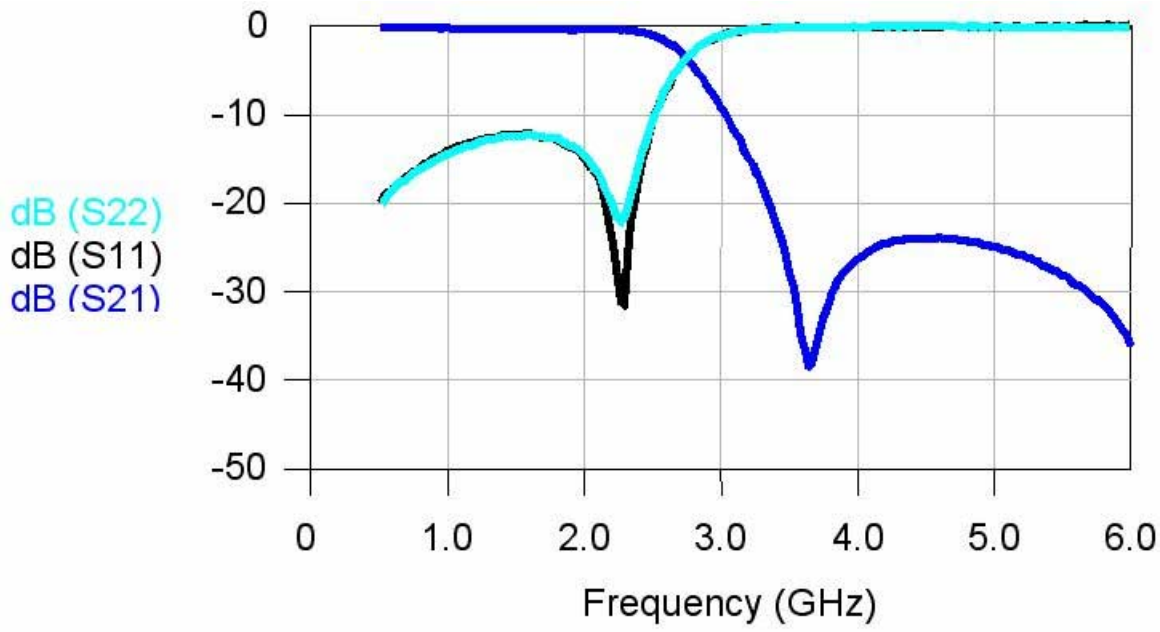
Typical Insertion Loss / Return Loss



Packaging: Embossed tape on 7" reels (10,000 / reel)