869 MHz Low Pass Filter

P/N 0869LP14A090

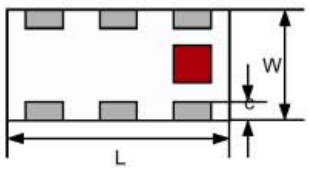
Detail Specification

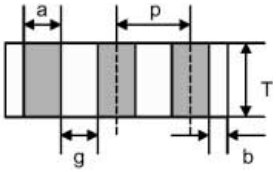
Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss
0869LP14A090_	824 - 915	0.6 dB max.	20 dB @ 2 x f_o 15 dB @ 3 x f_o	10.9 dB min.

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

Mechanical Dimensions

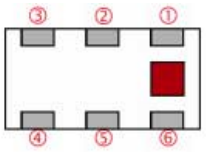
	L	W	T	a	b	c	g	p
Inches	0.063 ± .004	0.032± .004	0.024 ± .004	.008 ± .004	0.008 ± .004/-.006	.006 + ± .004	0.012 ± .004	0.020 ±.002
mm	1.6 ± 0.1	0.80 ± 0.1	0.60 ± 0.1	0.20 ± 0.1	0.20+0.1/-0.15	0.15 ± 0.1	0.30 ± 0.1	0.50 ± 0.05





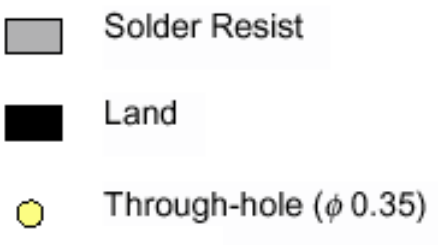
Terminal Configuration

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

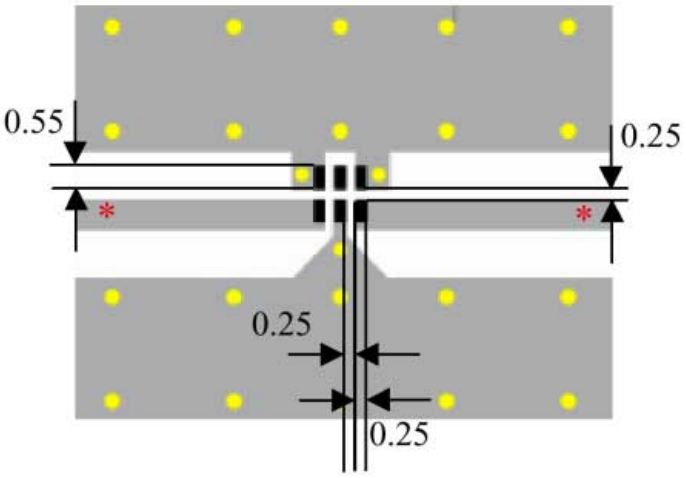


Mounting Considerations

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



Unit=mm



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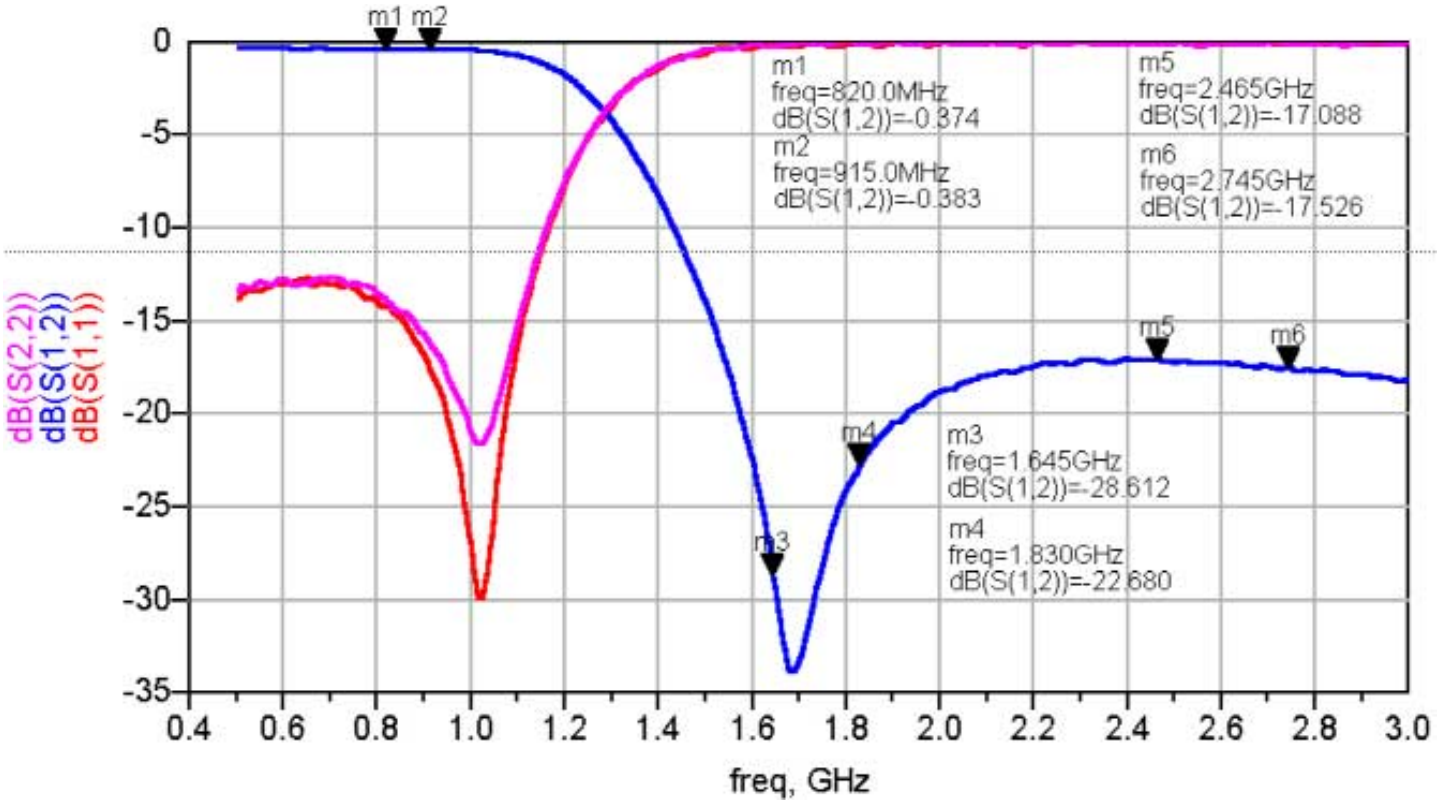
Detail Specification

Typical Insertion Loss / Return Loss



Delivery

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