

"High Frequency Ceramic Solutions"

869 MHz Low Pass Filter

Detail Specification

P/N 0869LP14A090

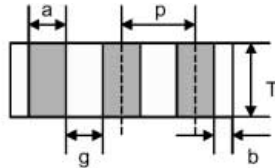
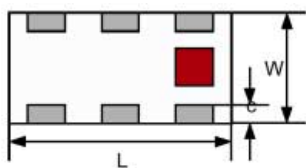
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss
0869LP14A090_	824 - 915	0.6 dB max.	20 dB @ $2 \times f_o$ 15 dB @ $3 \times f_o$	10.9 dB min.

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

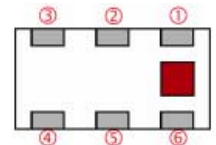
Mechanical Dimensions

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



Terminal Configuration

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



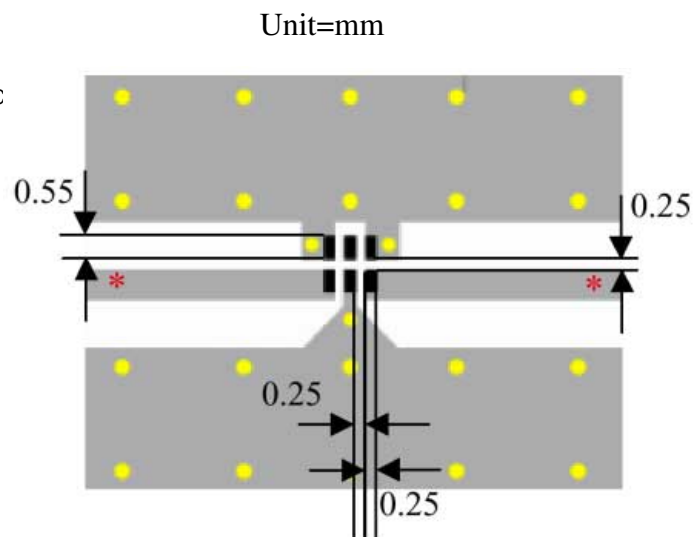
Mounting Considerations

- 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)



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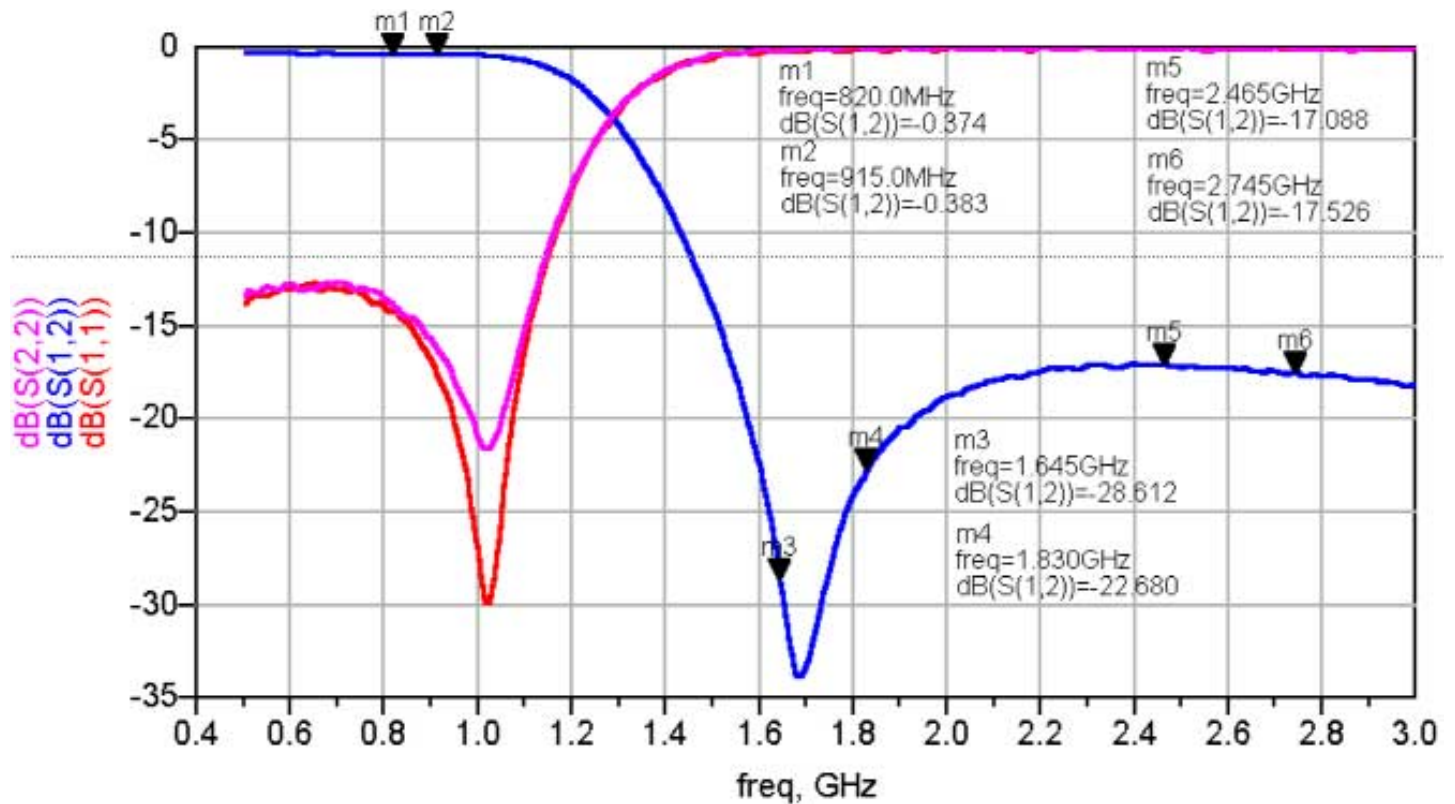
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Typical Insertion Loss / Return Loss



Delivery

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[0869LP14A090T](#)