

“High Frequency Ceramic Solutions”

1.75 GHz Low Pass Filter

P/N 1748LP18A075

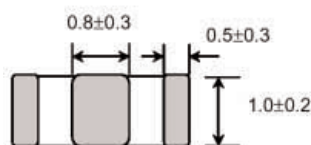
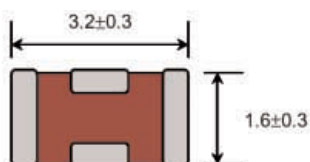
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation 2 x Fo	Attenuation 3 x Fo	Return Loss
1748LP18A075_	1710 - 1785	0.6 dB max	30 dB	18 dB	10.9 dB min.

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50 Ω	-40 to +85°C	3000

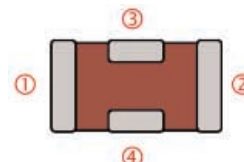
Mechanical Dimensions

	L	W	T	a	b
Inches	0.126 ± .012	0.064 ± .012	0.039 ± .008	0.031 ± .012	0.020 ± .012
mm	3.2 ± 0.3	1.6 ± 0.3	1.0 ± 0.2	0.80 ± 0.3	0.50 ± 0.3



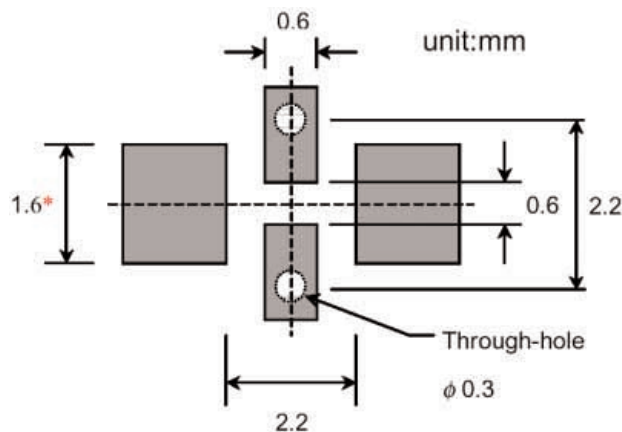
Terminal Configuration

No.	Function	No.	Function
1	I/O	3	GND
2	I/O	4	GND



Mounting Considerations

Mount these devices with brown colored side facing up. Line width should be designed to provide 50Ω impedance matching characteristics.



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Typical Insertion Loss & Return Loss

