



SAW Components

Data Sheet B7608

Data Sheet

A large, stylized, 3D-rendered graphic of the EPCOS logo. The letters "EPCOS" are in a bold, sans-serif font, appearing to be part of a larger, curved structure that resembles a stylized globe or a series of overlapping planes. The graphic is rendered in a light gray color against a dark, textured background.



SAW Components

B7608

Low-Loss Filter for Mobile Communication

926,25 MHz

Data Sheet



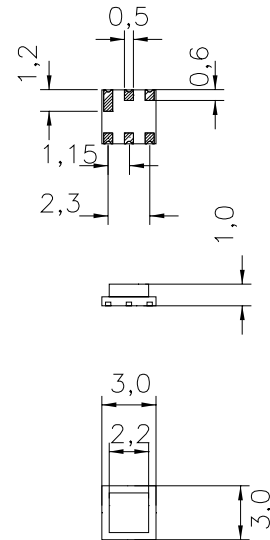
Chip sized SAW package

Features

- Low loss RF filter for cordless telephone CT ISM
- Low amplitude ripple
- High image frequency suppression
- No matching network required for operation at 50 Ω
- Package for **Surface Mounted Technology (SMT)**

Terminals

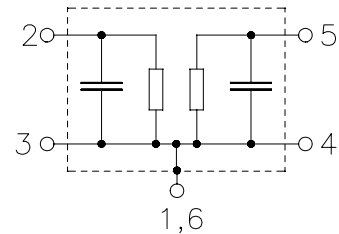
- Gold-plated Ni



Dimensions in mm, approx. weight 0,034 g

Pin configuration

- 2 Input
- 5 Output
- 1, 3, 4, 6 Ground



Type	Ordering code	Marking and Package according to	Packing according to
B7608	B39931-B7608-A610	C61157-A7-A62	F61074-V8086-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	0 /+ 40	$^{\circ}\text{C}$	source impedance 50 Ω
Storage temperature range	T_{stg}	- 40 /+ 85	$^{\circ}\text{C}$	
DC voltage	V_{DC}	0	V	
Input power max.	P_{IN}	0	dBm	



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Characteristics

Operating temperature range: $T = 25^{\circ}\text{C} \pm 2^{\circ}\text{C}$
Terminating source impedance: $Z_S = 50\ \Omega$
Terminating load impedance: $Z_L = 50\ \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	926,25	—	MHz
Maximum insertion attenuation	α_{\max}	—	4,5	6,0	dB
	924,20 ... 928,00 MHz				
Amplitude ripple in any 2,7 MHz span (p-p)	$\Delta\alpha$	—	0,5	2,0	dB
	924,20 ... 928,00 MHz				
Relative attenuation (relative to α_{\max})	α_{rel}				
	0,00 ... 100,00 MHz	60	70	—	dB
	100,00 ... 500,00 MHz	50	60	—	dB
	500,00 ... 905,70 MHz	40	44	—	dB
	935,00 ... 945,00 MHz	10	32	—	dB
	945,00 ... 1000,00 MHz	40	44	—	dB
	1000,00 ... 2000,00 MHz	25	32	—	dB
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K



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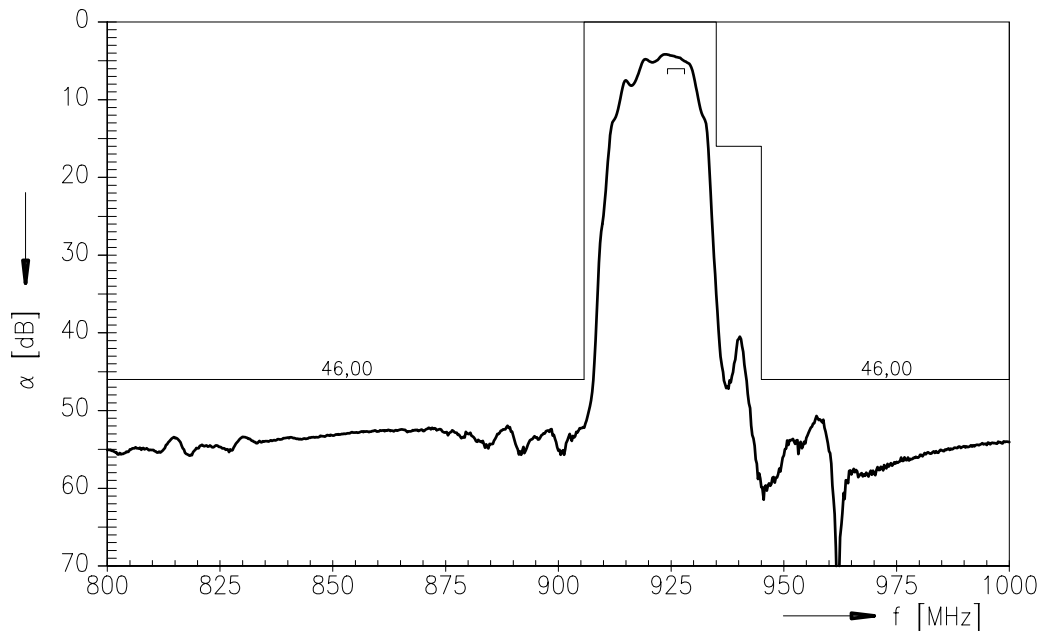
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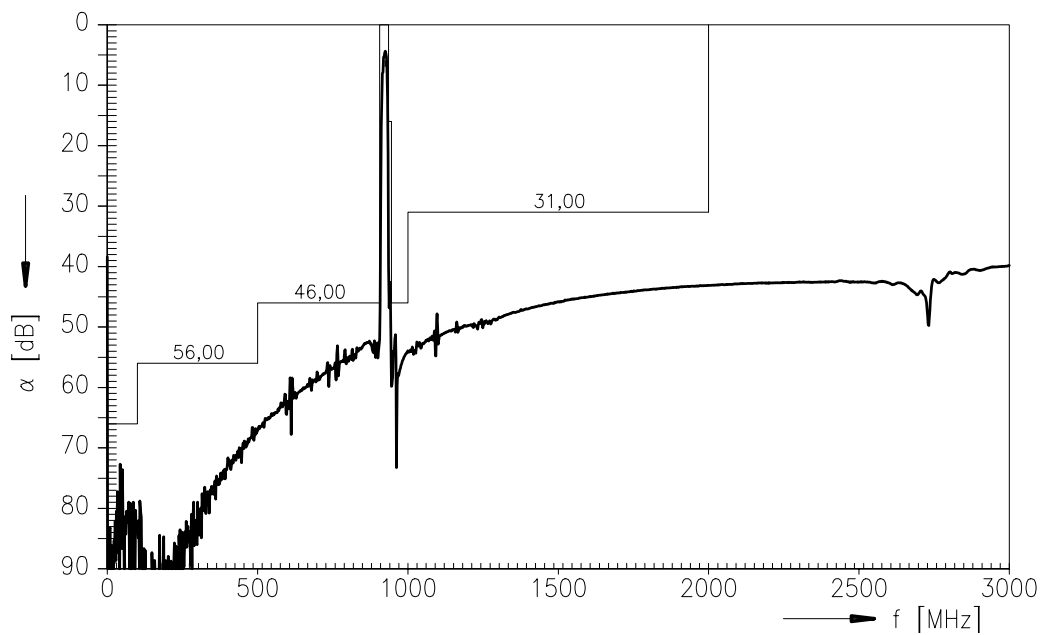
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Transfer function:



Transfer function (wide band):





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