



SAW Components

Data Sheet B4610

Data Sheet

An abstract, grayscale graphic featuring a stylized, three-dimensional representation of the EPCOS logo. The letters "EPCOS" are rendered in a bold, sans-serif font, appearing to be part of a larger, curved structure that resembles a globe or a stylized wave. The background is dark and textured, with light reflecting off the surfaces of the logo.



SAW Components

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Low-Loss Filter for Mobile Communication

930,50 MHz

Data Sheet



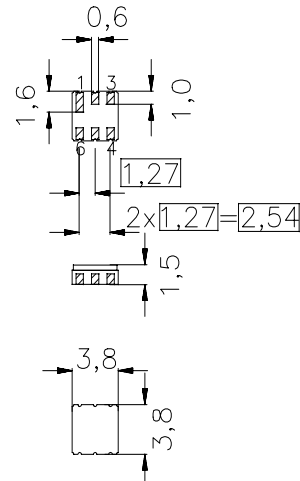
Ceramic package DCC6

Features

- Low loss **RF** filter for pager
- High image frequency suppression
- No matching network required for operation at 50 Ω
- Ceramic package for **Surface Mounted Technology (SMT)**

Terminals

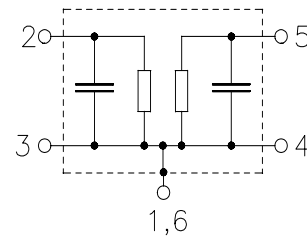
- Ni , gold-plated



Dimensions in mm, approx. weight 0,07 g

Pin configuration

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



Type	Ordering code	Marking and Package according to	Packing according to
B4063	B39931-B4610-Z610	C61157-A7-A41	F61074-V8030-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	- 10/+ 65	$^{\circ}\text{C}$	
Storage temperature range	T_{stg}	- 40/+ 85	$^{\circ}\text{C}$	
DC voltage	V_{DC}	0	V	
Input power	P_{IN}	10	dBm	



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Characteristics

Operable temperature: $T_A = -10$ to 65°C

Terminating source impedance: $Z_S = 50\ \Omega$

Terminating load impedance: $Z_L = 50\ \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	930.50	—	MHz
Maximum insertion attenuation	α_{\max}	—	3,5	4,9	dB
	929,00 ... 932,00 MHz				
Amplitude ripple (p-p)	$\Delta\alpha$	—	1,0	2,0	dB
	929,00 ... 932,00 MHz				
Absolute attenuation	α				
	830,00 ... 910,00 MHz	35,0	42,0	—	dB
	915,50 ... 920,00 MHz	20,0	25,0	—	dB
	942,50 ... 944,00 MHz	20,0	30,0	—	dB
	970,00 ... 1030,00 MHz	35,0	45,0	—	dB



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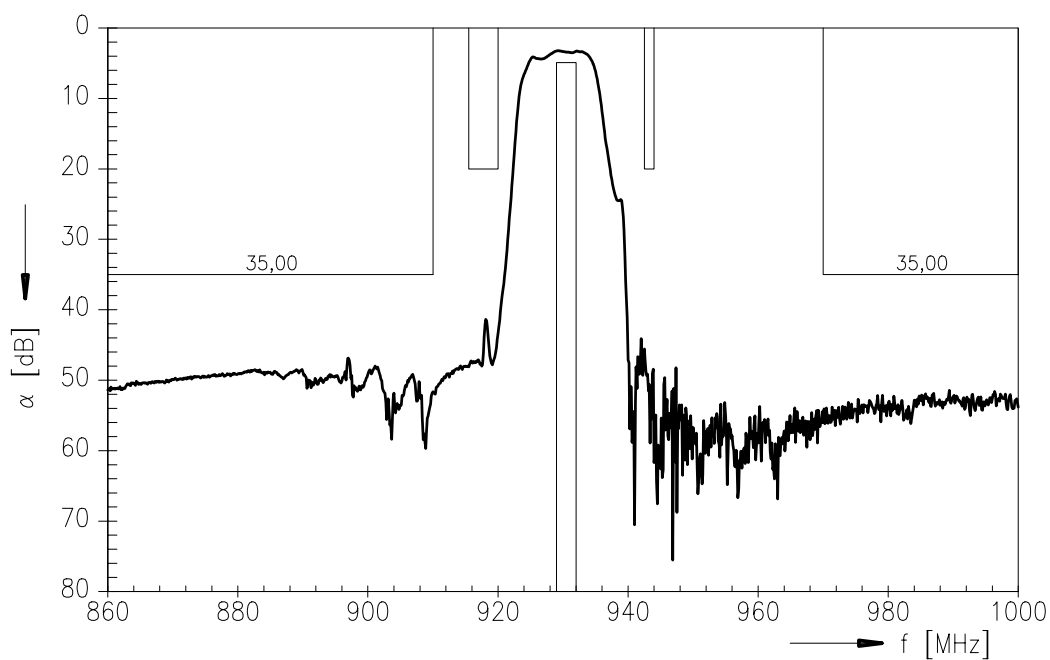
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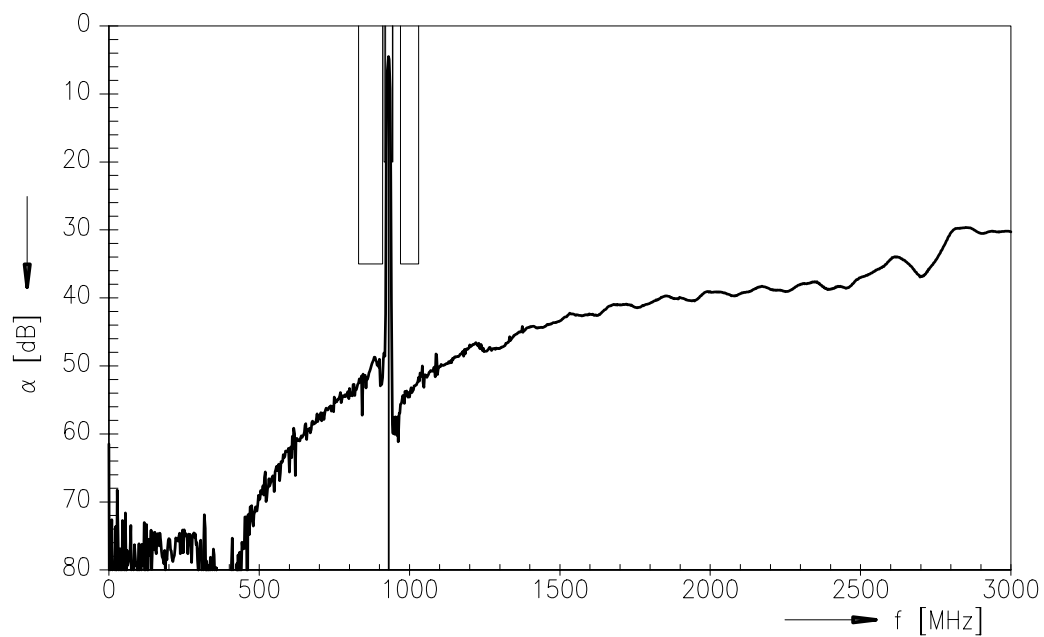
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Transfer Function



Transfer Function (wideband)





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This brochure replaces the previous edition.

For questions on technology, prices and delivery please contact the Sales Offices of EPCOS AG or the international Representatives.

Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our Sales Offices.