



SAW Components

Data Sheet B4610

Data Sheet

An abstract, grayscale graphic featuring a globe with a grid pattern. Overlaid on the globe is a large, stylized, 3D-looking "EPCOS" logo in a light gray color. The logo is tilted and appears to be floating or emerging from the globe. The background is dark and textured.



SAW Components

B4610

Low-Loss Filter for Mobile Communication

930,50 MHz

Data Sheet



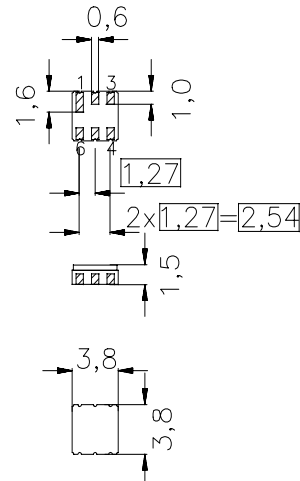
Ceramic package DCC6

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

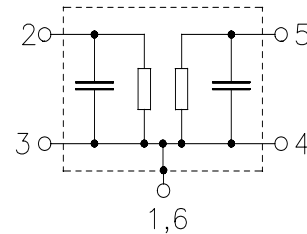
- Ni, gold-plated



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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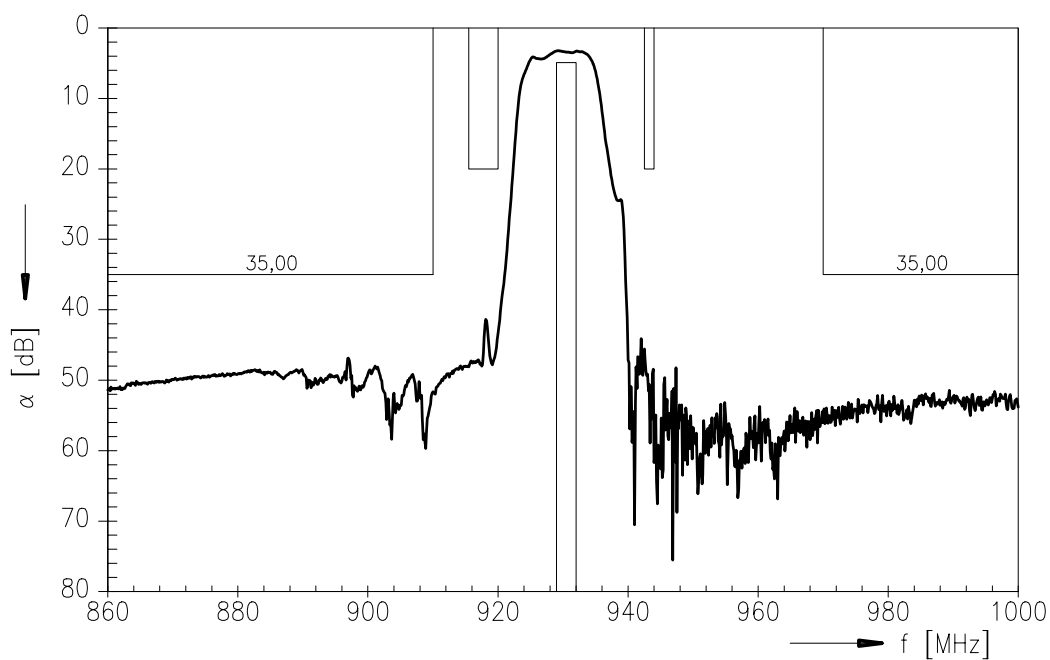
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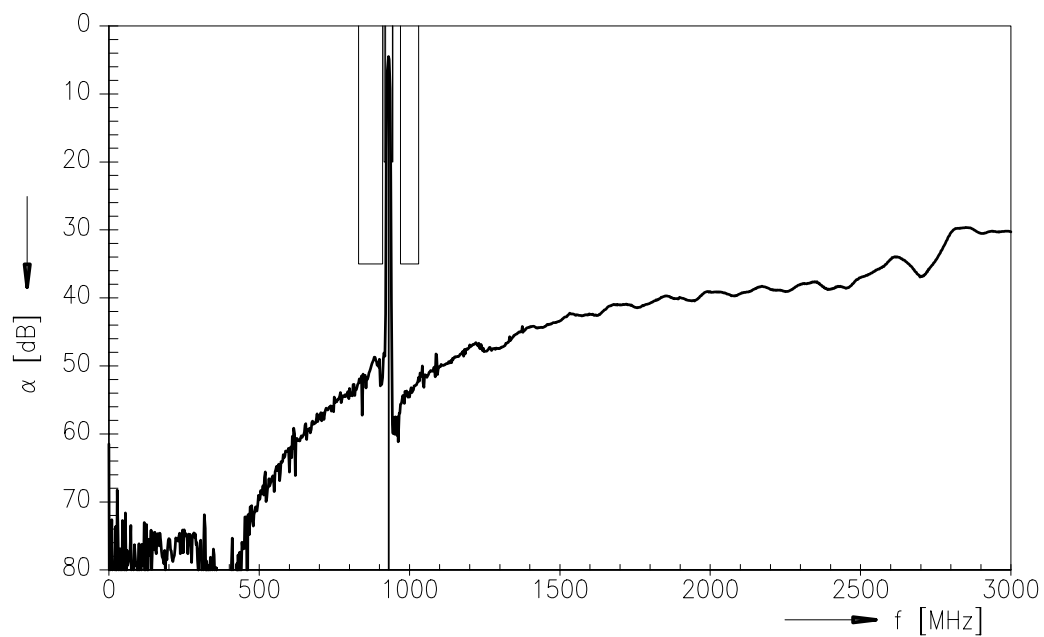
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Transfer Function



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.

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