



Withdrawn Products

The following products presented in this data sheet are being withdrawn:

B39911B3569Z810

Date of withdrawal: 04-APR-03

Deadline for last orders: 30-JUN-03

Last shipments: 30-SEP-03

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of the sales offices are given on the Internet at www.epcos.com/sales.



SAW Components

Data Sheet B3569

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

B3569

Low Loss Filter

914,50 MHz

Data Sheet

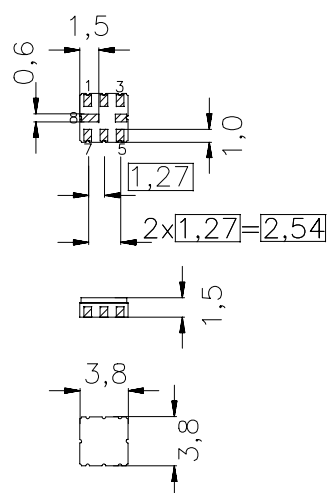
Features

- RF low-loss filter for remote control receivers
- Package for **Surface Mounted Technology (SMT)**
- Hermetically sealed ceramic package
- No matching network required for operation at 50 Ω

Terminals

- Ni, gold plated

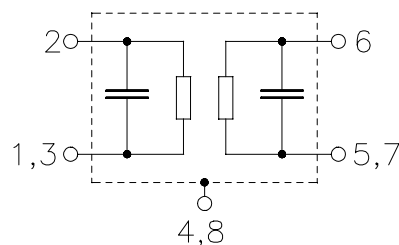
Ceramic package **QCC8B**



Dimensions in mm, approx. weight 0,07 g

Pin configuration

- | | |
|-----|----------------|
| 1,3 | Input Ground |
| 2 | Input |
| 5,7 | Output Ground |
| 6 | Output |
| 4,8 | to be grounded |



Type	Ordering code	Marking and Package according to	Packing according to
B3569	B39911-B3569-Z810	C61157-A7-A46	F61074-V8037-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	-20/+ 65	$^{\circ}\text{C}$	source impedance 50 Ω
Storage temperature range	T_{stg}	-45/+ 90	$^{\circ}\text{C}$	
DC voltage	V_{DC}	0	V	
Source power	P_{S}	10	dBm	



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Characteristics

Operating temperature range: $T = -20^{\circ}\text{C}$ to 65°C

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

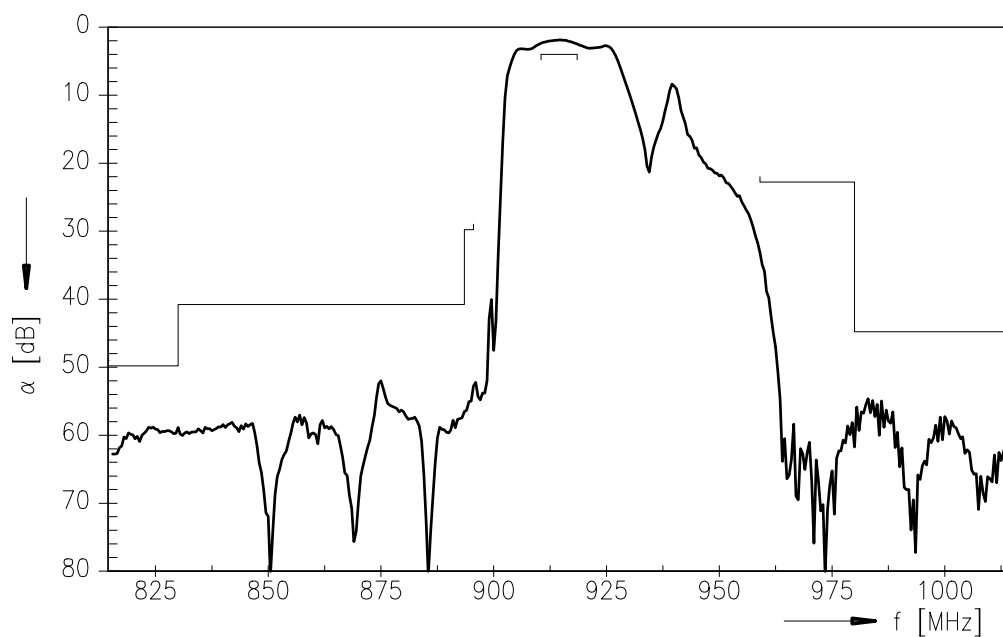
Terminating load impedance: $Z_L = 50\ \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	914,50	—	MHz
Maximum insertion attenuation	α_{\max}				
910,50 ... 918,50 MHz		—	3,0	4,0	dB
Amplitude ripple (p-p)	$\Delta\alpha$				
910,50 ... 918,50 MHz		—	1,0	2,0	dB
Relative attenuation (relative to α_{\max})	α_{rel}				
10,00 ... 830,00 MHz		47	52	—	dB
830,00 ... 893,50 MHz		38	43	—	dB
893,50 ... 895,50 MHz		27	40	—	dB
959,00 ... 980,00 MHz		20	25	—	dB
980,00 ... 1200,00 MHz		42	47	—	dB
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K

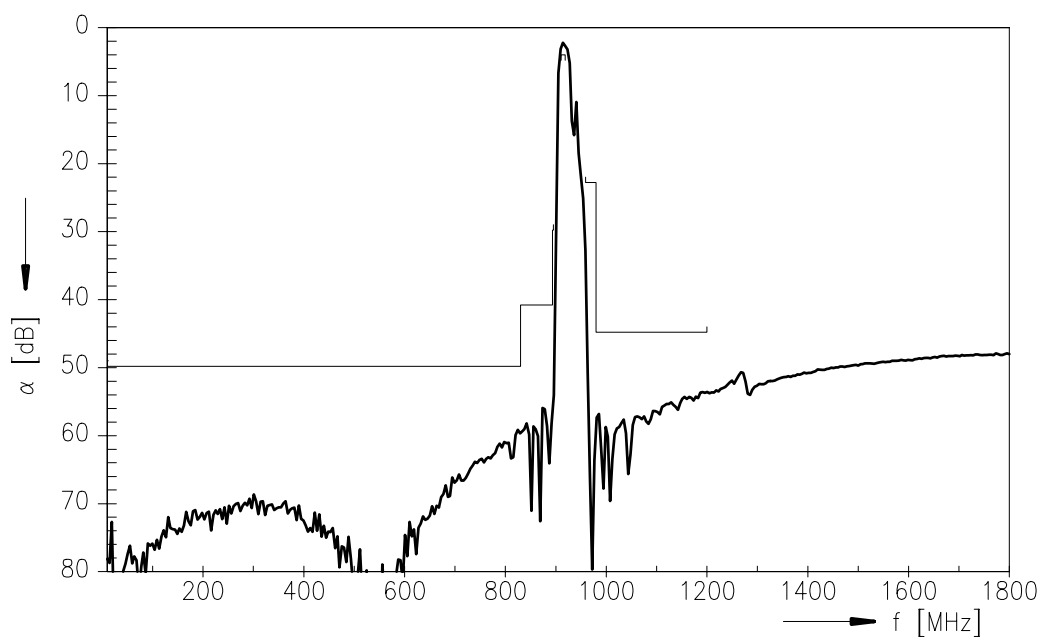


Data Sheet

Transfer function



Transfer function (wideband)





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Published by EPCOS AG

Surface Acoustic Wave Components Division, SAW CE AE PD

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The information describes the type of component and shall not be considered as assured characteristics.

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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.