



Withdrawn Products

The following products presented in this data sheet are being withdrawn: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

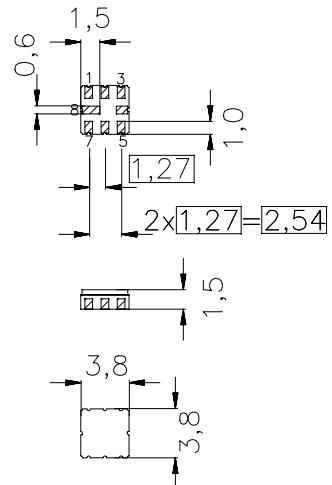


SAW Components
B3569
Low Loss Filter
914,50 MHz
Data Sheet
Ceramic package QCC8B
Features

- 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 50Ω

Terminals

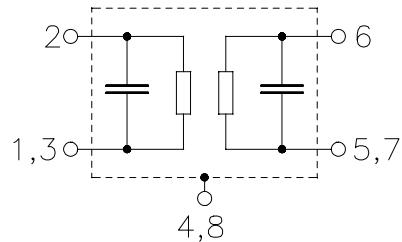
- Ni, gold plated



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	°C	
Storage temperature range	T_{stg}	-45/+ 90	°C	
DC voltage	V_{DC}	0	V	
Source power	P_S	10	dBm	source impedance 50Ω

**SAW Components****B3569****Low Loss Filter****914,50 MHz****Data Sheet****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}	—	3,0	4,0	dB
	910,50 ... 918,50 MHz	—	—	—	—
Amplitude ripple (p-p)	$\Delta\alpha$	—	1,0	2,0	dB
	910,50 ... 918,50 MHz	—	—	—	—
Relative attenuation (relative to α_{\max})	α_{rel}	47	52	—	dB
	10,00 ... 830,00 MHz	38	43	—	—
	830,00 ... 893,50 MHz	27	40	—	—
	893,50 ... 895,50 MHz	20	25	—	—
	959,00 ... 980,00 MHz	42	47	—	—
	980,00 ... 1200,00 MHz	—	—	—	—
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K

SAW Components

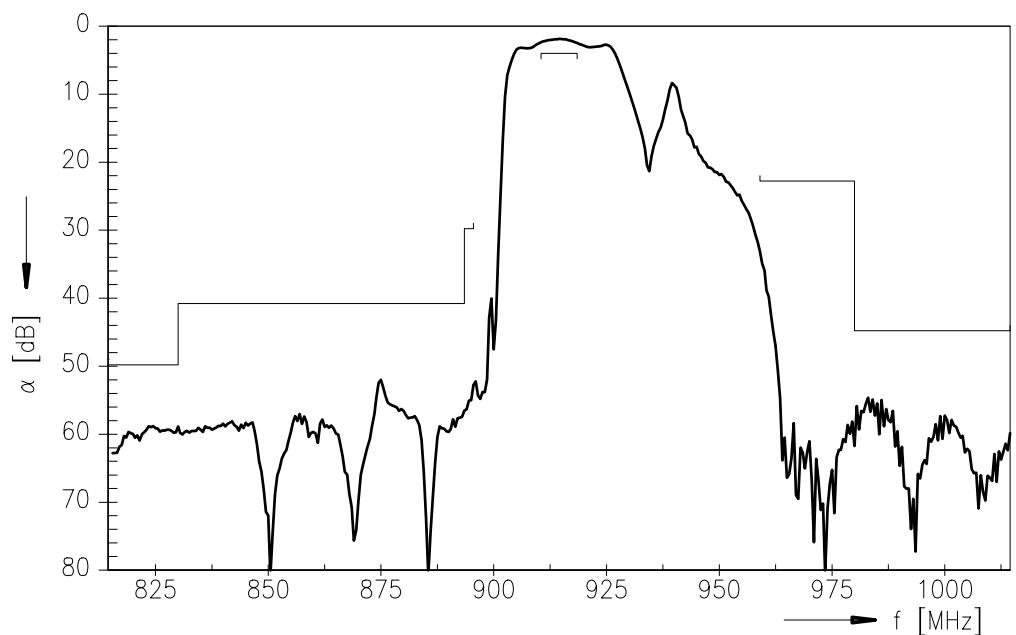
B3569

Low Loss Filter

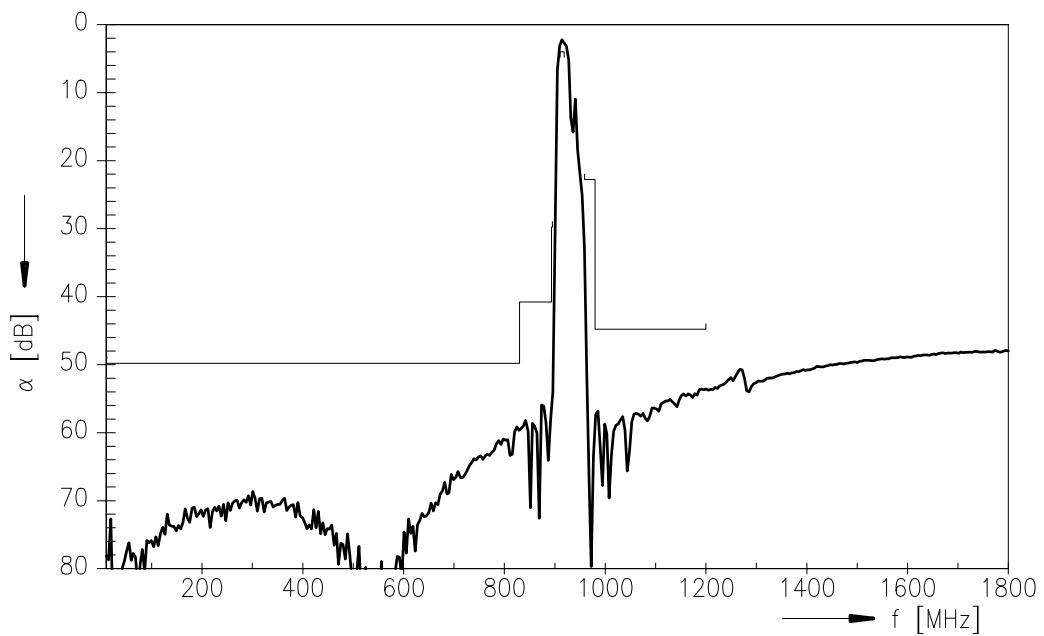
914,50 MHz

Data Sheet

Transfer function



Transfer function (wideband)





SAW Components

B3569

Low Loss Filter

914,50 MHz

Data Sheet

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Surface Acoustic Wave Components Division, SAW CE AE PD

P.O. Box 80 17 09, D-81617 München

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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.