



SAW Components

Data Sheet B4610

Data Sheet

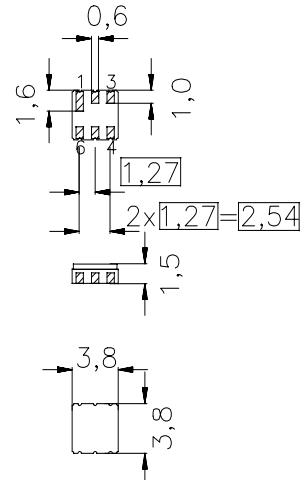
SAW Components
B4610
Low-Loss Filter for Mobile Communication
930,50 MHz
Data Sheet

Ceramic package DCC6
Features

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

Terminals

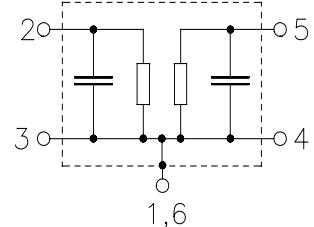
- Ni, gold-plated



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	°C	
Storage temperature range	T_{stg}	-40/+85	°C	
DC voltage	V_{DC}	0	V	
Input power	P_{IN}	10	dBm	

**SAW Components****B4610****Low Loss Filter for Mobile Communication****930,50 MHz****Data Sheet****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
Amplitude ripple (p-p)	$\Delta\alpha$	—	1,0	2,0	dB
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



SAW Components

B4610

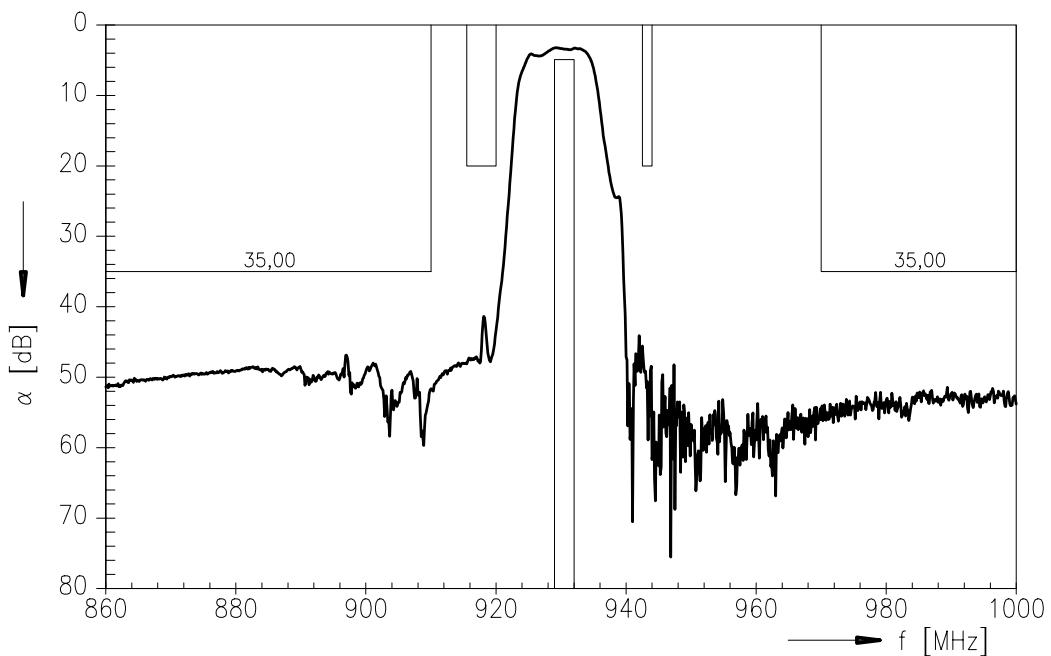
Low-Loss Filter for Mobile Communication

930,50 MHz

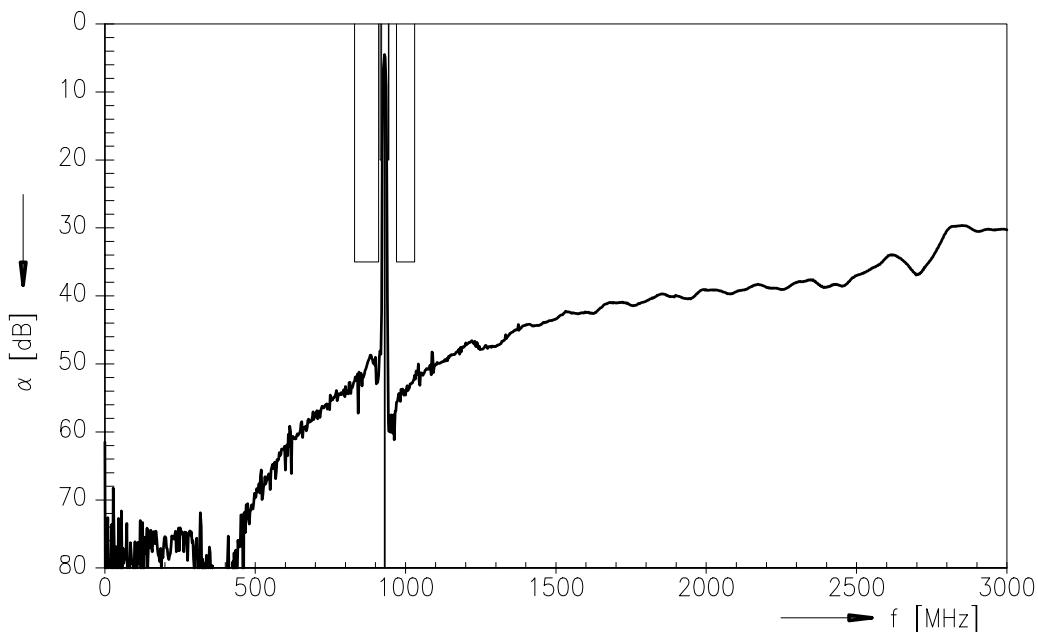
Data Sheet



Transfer Function



Transfer Function (wideband)





SAW Components

B4610

Low Loss Filter for Mobile Communication

930,50 MHz

Data Sheet



Published by EPCOS AG
Surface Acoustic Wave Components Division, SAW MC WT
P.O. Box 80 17 09, D-81617 München

© EPCOS AG 2000. All Rights Reserved. Reproduction, publication and dissemination of this brochure and the information contained therein without EPCOS' prior express consent is prohibited.

The information contained in this brochure describes the type of component and shall not be considered as guaranteed characteristics. Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.

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.