



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SAW filters for infrastructure systems

Series/Type: **B4049**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B39122B4049U410	B39122B5102U810	2009-09-25	2009-12-31	2010-03-31

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at www.epcos.com/sales.



SAW Components

B4049

Low-Loss Filter for Mobile Communication

1240,0 MHz

Preliminary Data



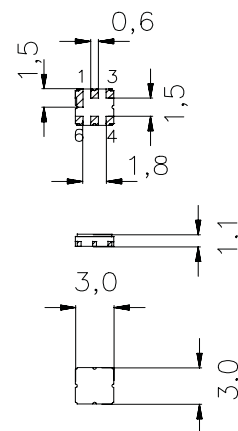
Ceramic package **DCC6C**

Features

- Low-loss RF filter for WLAN IF
- Low amplitude ripple
- Usable passband 20 MHz
- Ceramic package for **Surface Mounted Technology (SMT)**

Terminals

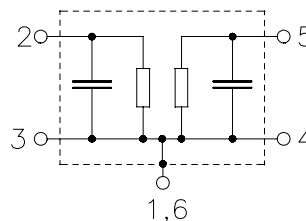
- Ni , gold-plated



Dimensions in mm, approx. weight 0,037 g

Pin configuration

- 2 Input
- 5 Output
- 1, 3, 4, 6 To be grounded
- 1, 3, 4, 6 Case ground



Type	Ordering code	Marking and Package according to	Packing according to
B4049		C61157-A7-A67	F61074-V8088-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	0 / + 55	°C
Storage temperature range	T_{stg}	- 40 / + 85	°C
DC voltage	V_{DC}	0	V
Input power max.	P_{IN}	0	dBm



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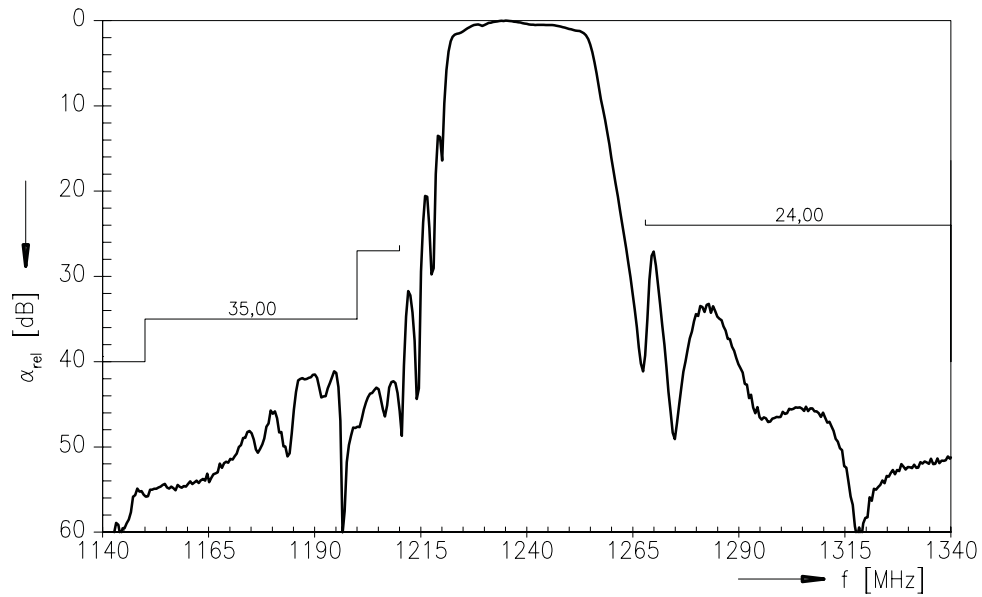
Characteristics

Operating temperature range: $T = 0$ to $+55$ °C
 Terminating source impedance: $Z_S = 50 \Omega$
 Terminating load impedance: $Z_L = 50 \Omega$

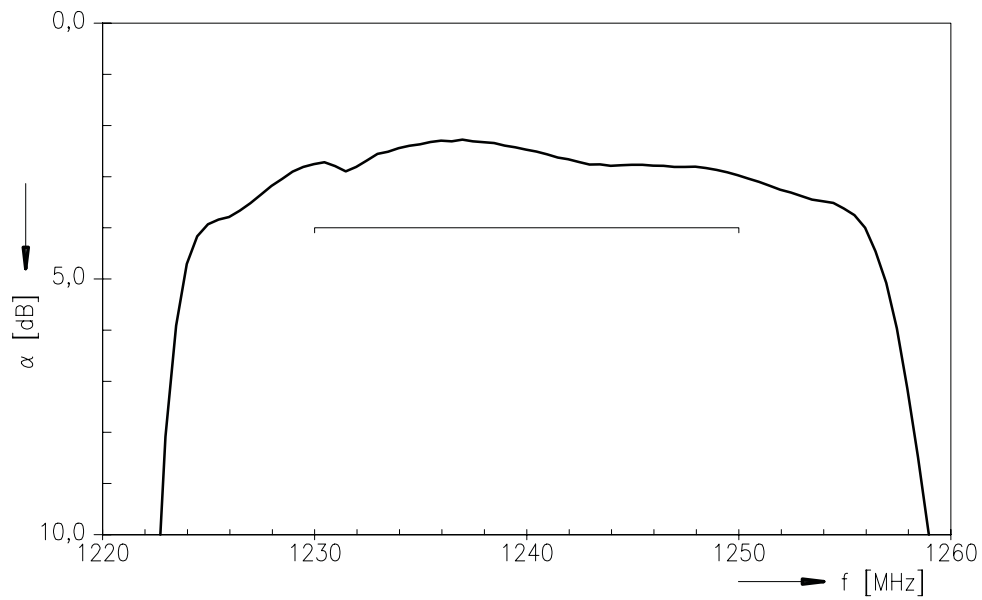
		min.	typ.	max.	
Center frequency	f_C	—	1240,0	—	MHz
Maximum insertion attenuation	α_{max}	—	2,9	4,0	dB
1230,0 ... 1250,0	MHz				
Amplitude ripple (p-p)	$\Delta\alpha$	—	0,6	1,5	dB
1230,0 ... 1250,0	MHz				
Attenuation (relative to α_{max})	α_{rel}				
0,0 ... 1150,0	MHz	40	53	—	dB
1150,0 ... 1200,0	MHz	35	39	—	
1200,0 ... 1212,0	MHz	27	30	—	
1268,0 ... 1500,0	MHz	24	27	—	
1500,0 ... 2500,0	MHz	40	46	—	
2500,0 ... 4000,0	MHz	17	21	—	



Transfer function (normalized)



Transfer function (passband)





SAW Components

B4049

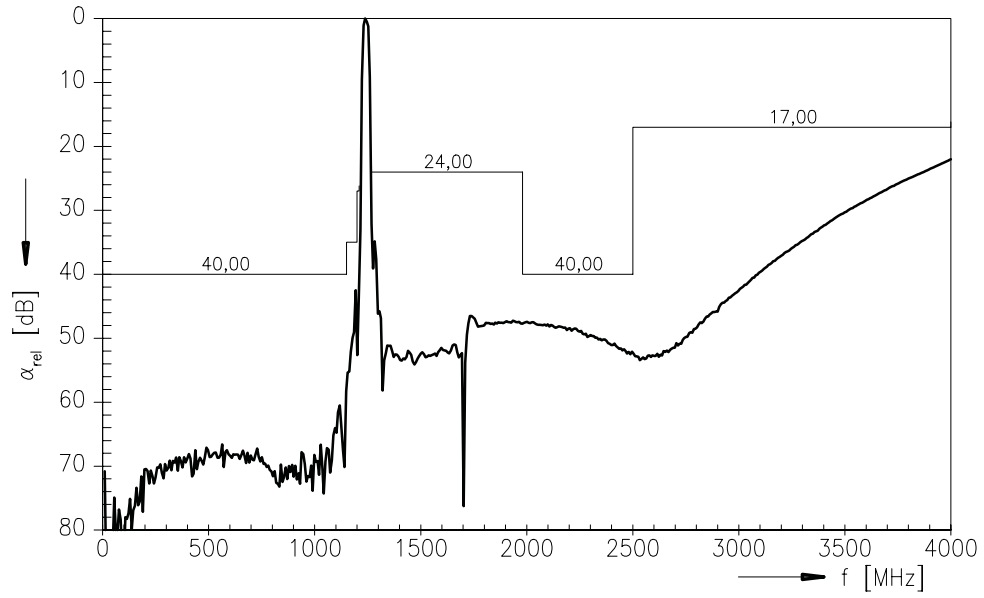
Low-Loss Filter for Mobile Communication

1240,0 MHz

Preliminary Data



Transfer function (wideband, normalized)





SAW Components

B4049

Low-Loss Filter for Mobile Communication

1240,0 MHz

Preliminary Data



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

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