



SAW Components

Preliminary Data B4049





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Low-Loss Filter for Mobile Communication

1240,0 MHz

Preliminary Data



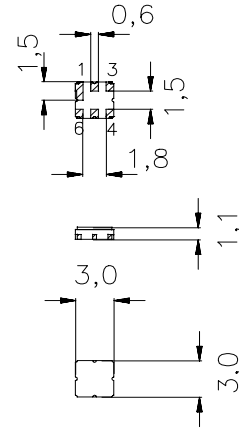
Ceramic package DCC6C

Features

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

Terminals

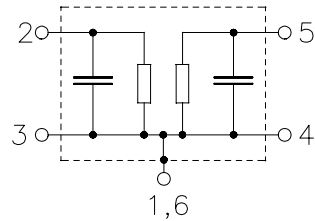
- Ni , gold-plated



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



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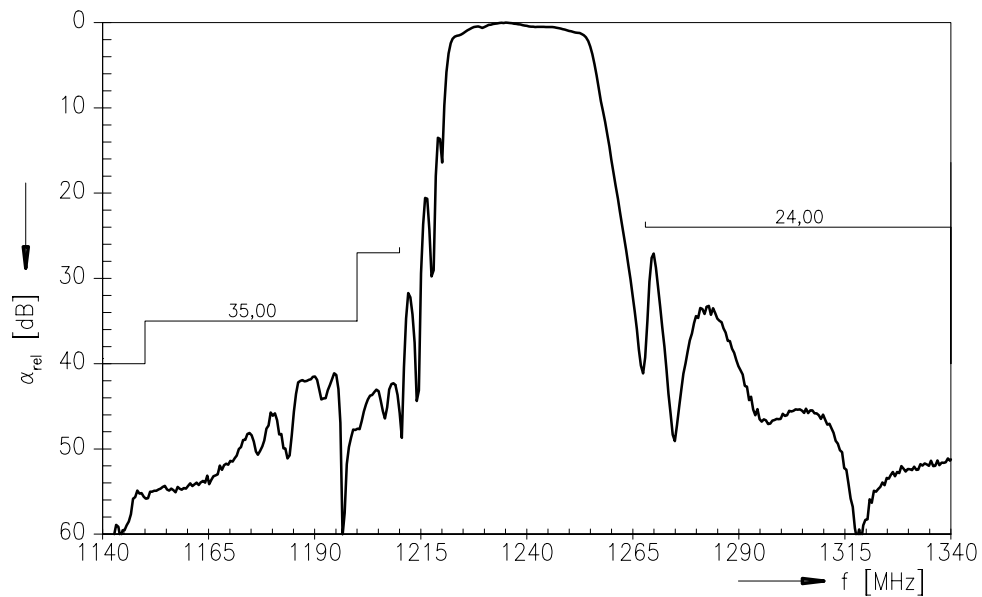
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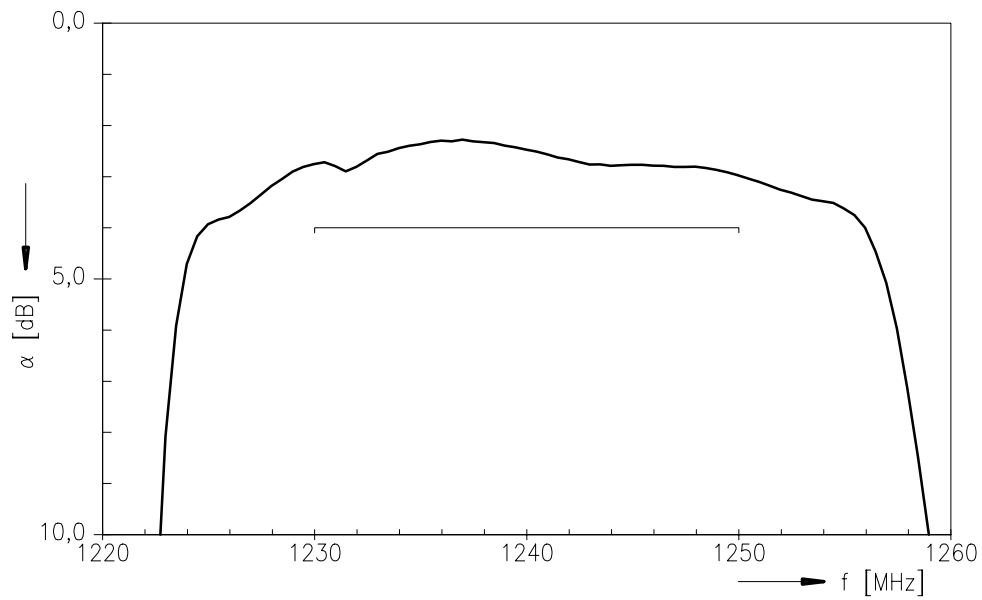
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Transfer function (normalized)



Transfer function (passband)





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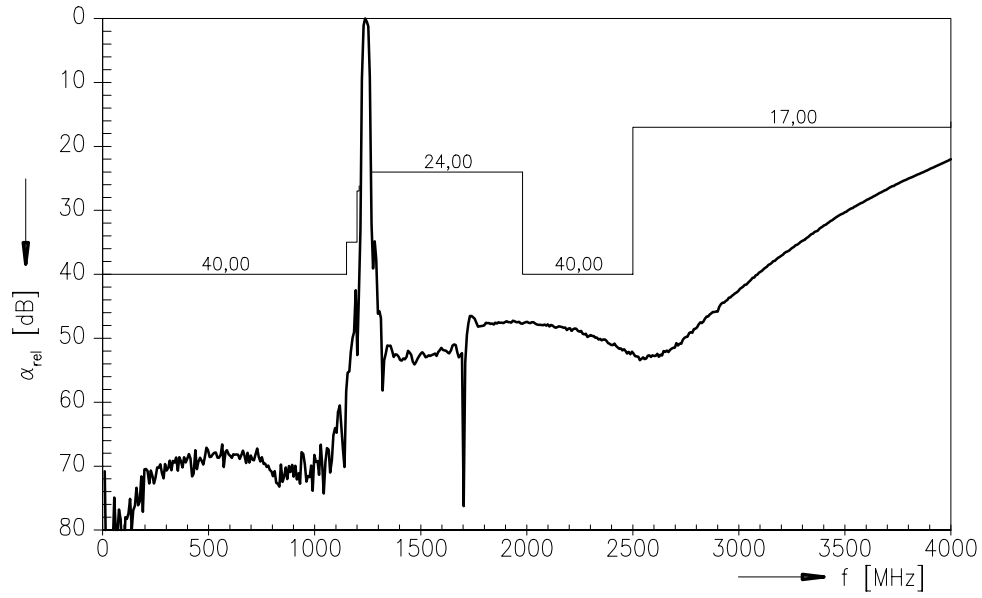
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Transfer function (wideband, normalized)





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