



SAW Components

Data Sheet B3582





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Low Loss Filter

345,00 MHz

Data Sheet

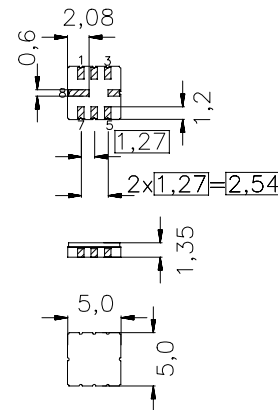
Ceramic package QCC8C

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

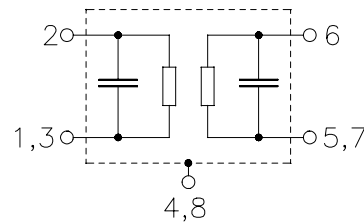
- Ni, gold plated



Dimensions in mm, approx. weight 0,1 g

Pin configuration

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



Type	Ordering code	Marking and Package according to	Packing according to
		C61157-A7-A56	F61074-V8070-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T_A	-25/+80	°C	
Storage temperature range	T_{stg}	-45/+90	°C	
DC voltage	V_{DC}	0	V	
Source power	P_S	0	dBm	source impedance 50 Ω



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Characteristics

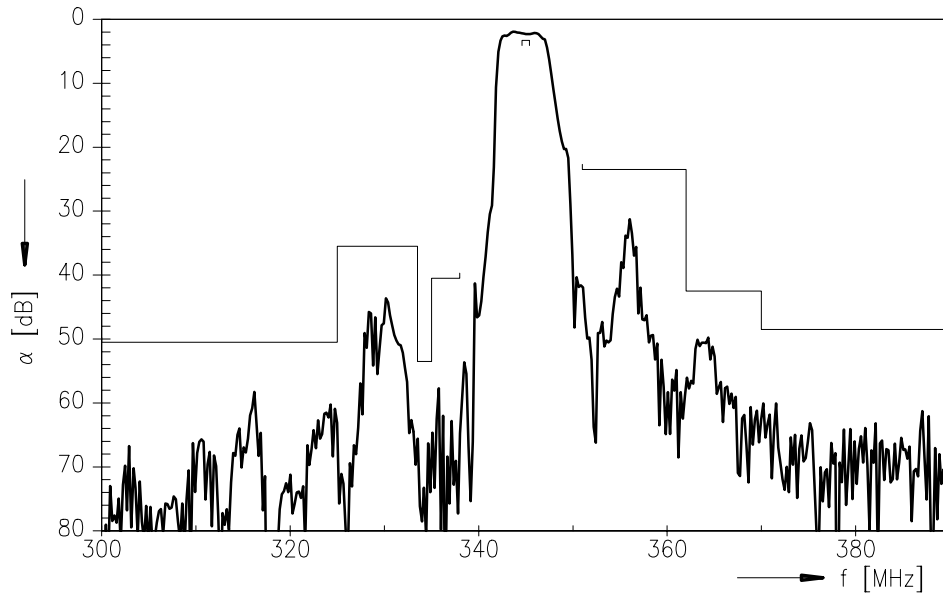
Reference temperature: $T_A = 25\text{ °C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 50\ \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	345,00	—	MHz
Maximum insertion attenuation					
	344,60 ... 345,40 MHz α_{max}	—	2,3	3,3	dB
Amplitude ripple (p-p)					
	344,60 ... 345,40 MHz $\Delta\alpha$	—	0,3	1,3	dB
Relative attenuation (relative to α_{max})					
	10,00 ... 320,00 MHz α_{rel}	50	60	—	dB
	320,00 ... 325,00 MHz	50	55	—	dB
	325,00 ... 333,50 MHz	35	40	—	dB
	333,50 ... 335,00 MHz	53	58	—	dB
	335,00 ... 338,00 MHz	40	45	—	dB
	351,00 ... 362,00 MHz	23	28	—	dB
	362,00 ... 370,00 MHz	42	47	—	dB
	370,00 ... 700,00 MHz	50	55	—	dB
	700,00 ... 1000,00 MHz	32	42	—	dB
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K

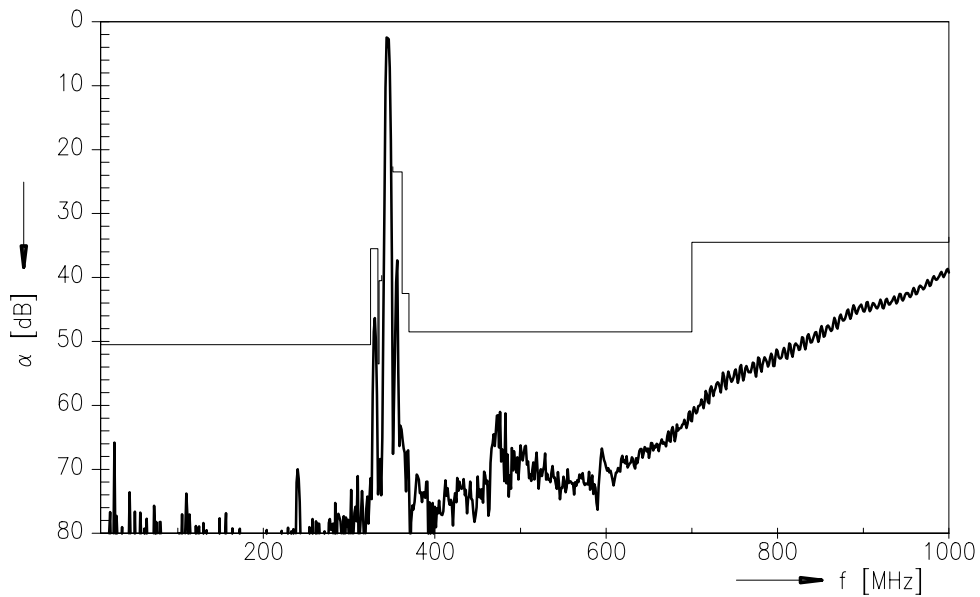


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Transfer function



Transfer function (wideband)





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