

SAW Components

Data Sheet B3583





Data Sheet

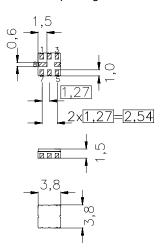
Features

- RF low-loss filter for remote control receivers
- Package for Surface Mounted Technology (SMT)
- Hermetically sealed ceramic package
- \blacksquare No matching network required for operation at $50~\Omega$

Terminals

■ Ni, gold plated

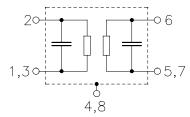
Ceramic package QCC8B



Dimensions in mm, approx. weight 0,07

Pin configuration

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



Туре	Ordering code	Marking and Package according to	Packing according to		
B3583	B39351-B3583-Z810	C61157-A7-A56	F61074-V8070-Z000		

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T_{A}	-20/+85	°C	
Storage temperature range	$T_{\rm stg}$	-45/+90	°C	
DC voltage	$V_{\rm DC}$	0	V	
Source power	P_{S}	0	dBm	source impedance 50 Ω



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Characteristics

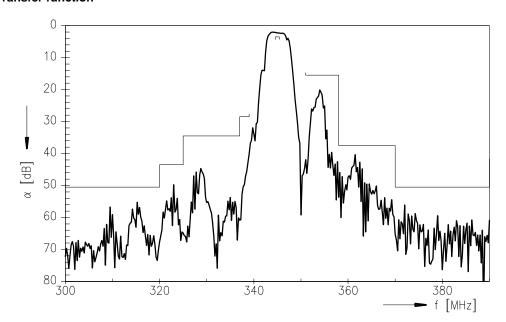
Reference temperature: $T_{\rm A} = 25\,^{\circ}{\rm C}$ Terminating source impedance: $Z_{\rm S} = 50\,\Omega$ Terminating load impedance: $Z_{\rm L} = 50\,\Omega$

		min.	typ.	max.	
Center frequency	f _c	_	345,00	_	MHz
Maximum insertion attenuation					
344,60 345,40 MHz	α_{max}	_	2,5	3,5	dB
Amplitude ripple (p-p)	Δα				
344,60 345,40 MHz		_	0,5	1,5	dB
Relative attenuation (relative to $\alpha_{\rm max})$	α_{rel}				
10,00 320,00 MHz		48	53	_	dB
320,00 325,00 MHz		41	47	_	dB
325,00 337,00 MHz		32	39	_	dB
337,00 339,00 MHz		26	31	_	dB
351,00 358,00 MHz		13	16	_	dB
358,00 370,00 MHz		35	39	_	dB
370,00 700,00 MHz		47	52	_	dB
700,001000,00 MHz		40	45	_	dB
Temperature coefficient of frequency	TC _f	_	-30	_	ppm/K

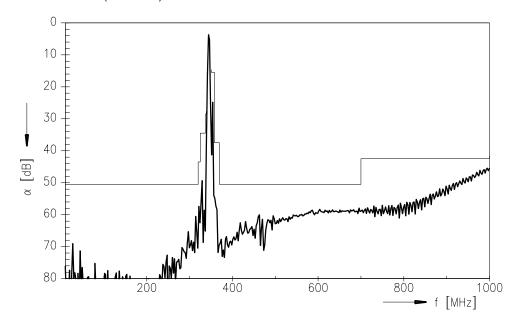


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Transfer function



Transfer function (wideband)





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