



SAW Components

Data Sheet B3568





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B3568

Low Loss Filter

869,00 MHz

Data Sheet

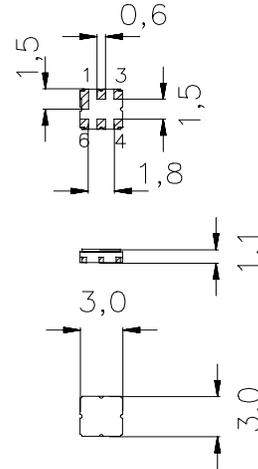
Features

- Low loss RF filter for remote control application
- Low amplitude ripple
- High image frequency suppression
- No matching network required for operation at 50 Ω
- Package for **Surface Mounted Technology (SMT)**

Terminals

- Ni, gold-plated

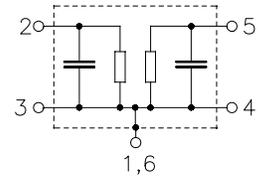
Ceramic package **DCC6C**



Dimensions in mm, approx. weight 0,037 g

Pin configuration

- 2 Input
- 5 Output
- 1, 3, 4, 6 Ground



Type	Ordering code	Marking and Package according to	Packing according to
B3568	B39871-B3568-U410	C61157-A7-A67	F61074-V8088-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	-10/+ 60	°C	
Storage temperature range	T_{stg}	-40/+ 85	°C	
DC voltage	V_{DC}	0	V	
Source power	P_S	0	dBm	source impedance 50 Ω



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Characteristics

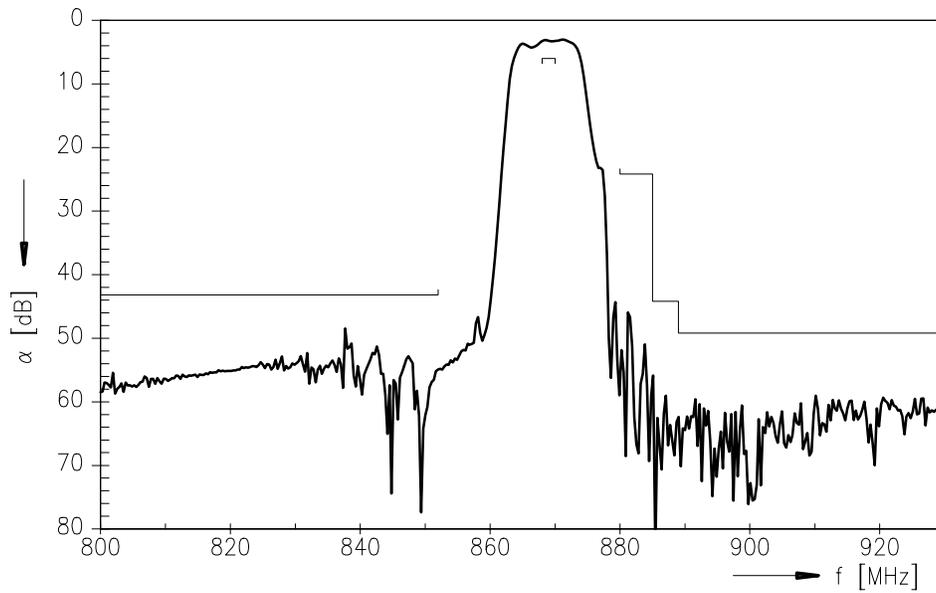
Operating temperature range: $T = -10 \dots 60 \text{ }^\circ\text{C}$
 Terminating source impedance: $Z_S = 50 \text{ } \Omega$
 Terminating load impedance: $Z_L = 50 \text{ } \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	869,00	—	MHz
Maximum insertion attenuation	α_{\max}	—	4,0	6,0	dB
868,00 ... 870,00 MHz					
Amplitude ripple	$\Delta\alpha$	—	1,5	2,5	dB
868,00 ... 870,00 MHz					
Relative attenuation (relative to α_{\max})	α_{rel}				
800,00 ... 852,00 MHz		39,0	44,0	—	dB
880,00 ... 885,00 MHz		20,0	35,0	—	dB
885,00 ... 889,00 MHz		40,0	45,0	—	dB
889,00 ... 1000,00 MHz		45,0	50,0	—	dB
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K

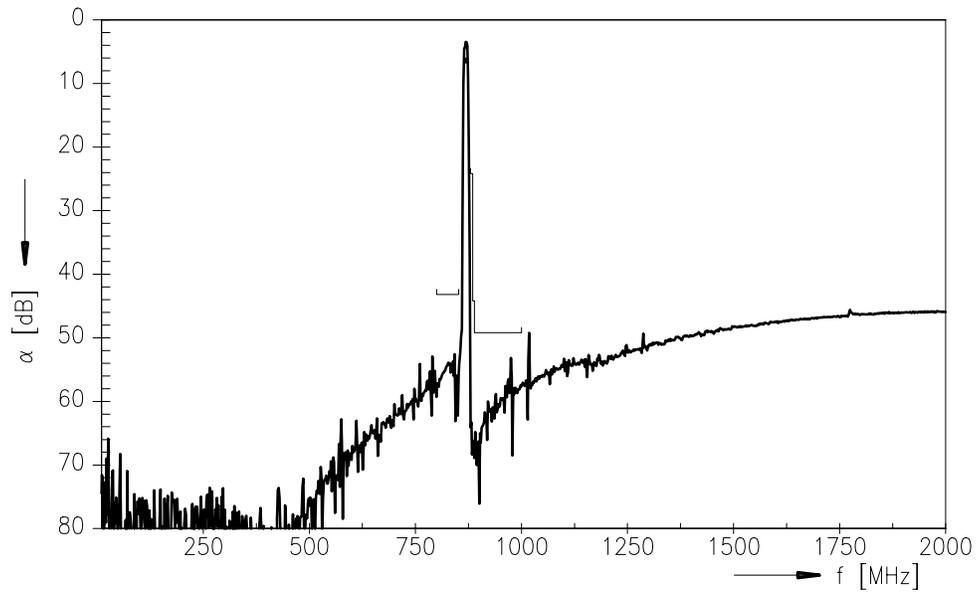


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Transfer function



Transfer function (wideband)





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Surface Acoustic Wave Components Division, SAW CE AE PD

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