



SAW Components

Data Sheet B3588

Data Sheet

EP



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B3588

Low Loss Filter

915,00 MHz

Preliminary Data

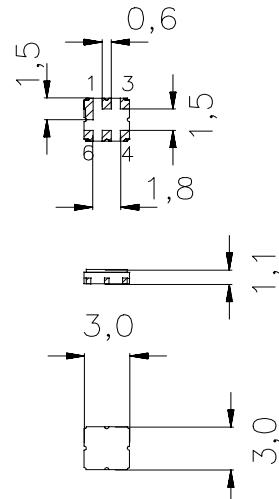
Features

- RF low loss filter for remote control receivers
- Low amplitude ripple
- Hermetically sealed ceramic package
- No matching network required for operation at 50Ω
- Package for Surface Mounted Technology (SMT)

Terminals

- Ni, gold-plated

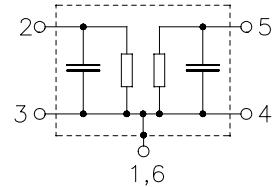
Ceramic package DCC6C



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
LD77A	B39921-B3588-U410	C61157-A7-A67	F61074-V8088-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	0/+ 70	°C	
Storage temperature range	T_{stg}	-40/+ 85	°C	
DC voltage	V_{DC}	0	V	
Source power	P_S	0	dBm	source impedance 50Ω



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Characteristics

Operating temperature range: $T = 0 \dots 70^\circ\text{C}$

Terminating source impedance: $Z_S = 50 \Omega$

Terminating load impedance: $Z_L = 50 \Omega$

		min.	typ.	max.	
Center frequency	f_c	—	915,00	—	MHz
Maximum insertion attenuation	α_{\max}	—	2,9	3,3	dB
	902,00 ... 928,00 MHz	—	—	—	—
Amplitude ripple	$\Delta\alpha$	—	0,9	1,5	dB
	902,00 ... 928,00 MHz	—	—	—	—
Relative attenuation (relative to α_{\max})	α_{rel}	50,0	55,0	—	dB
	10,00 ... 800,00 MHz	45,0	50,0	—	dB
	800,00 ... 845,00 MHz	35,0	43,0	—	dB
	845,00 ... 880,00 MHz	15,0	22,0	—	dB
	947,00 ... 992,00 MHz	35,0	45,0	—	dB
	992,00 ... 1020,00 MHz	45,0	50,0	—	dB
	1020,00 ... 1200,00 MHz	—	—	—	—
Temperature coefficient of frequency	TC_f	—	-30	—	ppm/K



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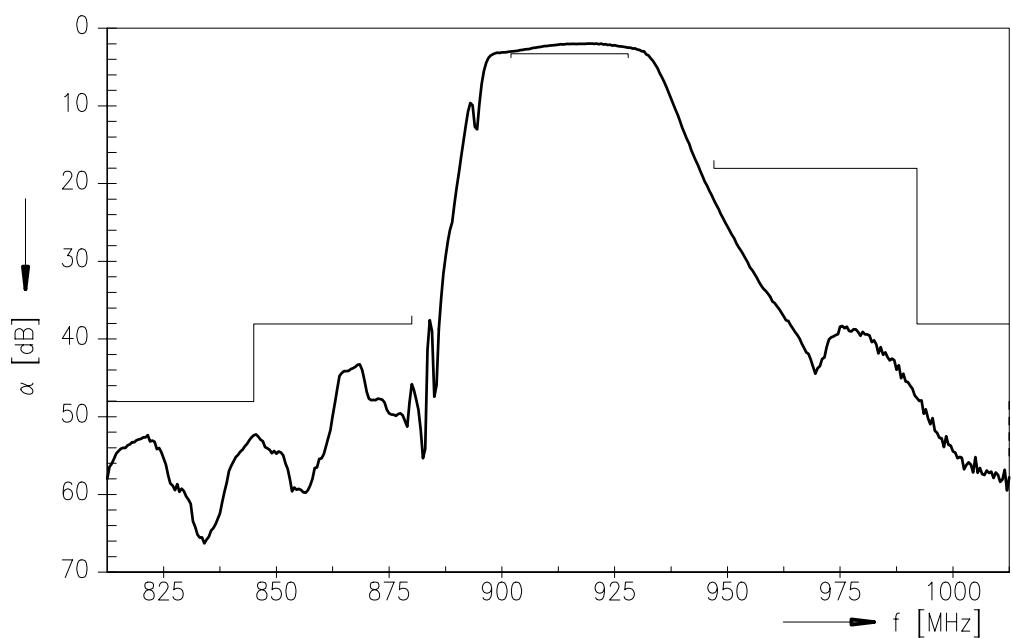
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Low Loss Filter

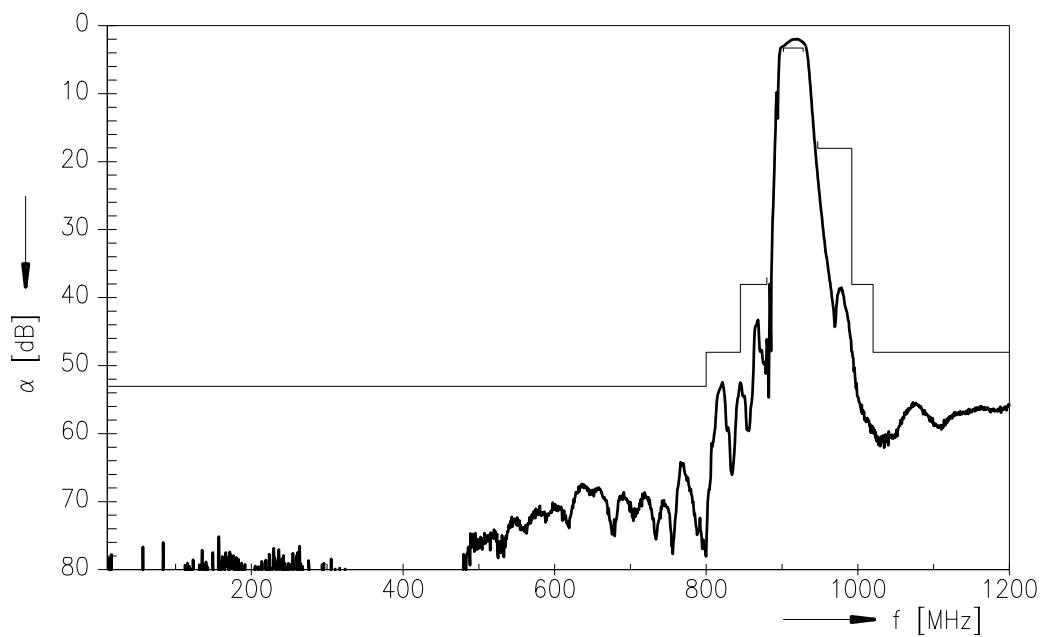
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Transfer function



Transfer function (wideband)





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This brochure replaces the previous edition.

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