

SAW Components

Data Sheet B3588





SAW Components B3588
Low Loss Filter 915,00 MHz

Preliminary Data

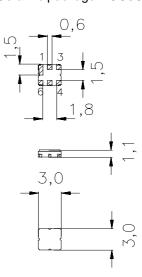
Features

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

Terminals

■ Ni, gold-plated

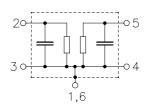
Ceramic package **DCC6C**



Dimensions in mm, approx. weight 0,037 g

Pin configuration

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



Туре	Ordering code	Marking and Package	Packing
		according to	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	$T_{\rm stg}$	-40/+ 85	°C	
DC voltage	$V_{\rm DC}$	0	V	
Source power	P_{S}	0	dBm	source impedance 50 Ω



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Characteristics

Operating temperature range: $T=0...70\,^{\circ}\mathrm{C}$ Terminating source impedance: $Z_{\mathrm{S}}=50\,\Omega$ Terminating load impedance: $Z_{\mathrm{L}}=50\,\Omega$

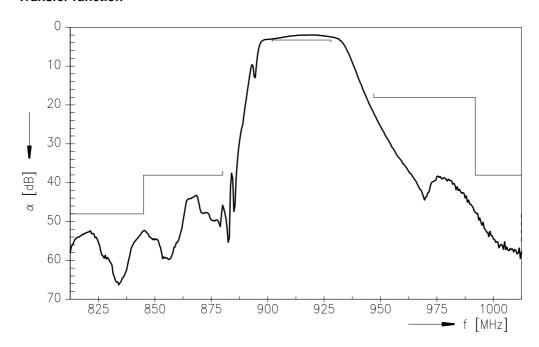
		min.	typ.	max.	
Center frequency	$f_{\rm C}$	_	915,00	_	MHz
Maximum insertion attenuation					
902,00 928,00 MHz		_	2,9	3,3	dB
Amplitude ripple	Δα				
902,00 928,00 MHz		_	0,9	1,5	dB
Relative attenuation (relative to α_{max})	α_{rel}				
10,00 800,00 MHz		50,0	55,0	_	dB
800,00 845,00 MHz		45,0	50,0	_	dB
845,00 880,00 MHz		35,0	43,0	_	dB
947,00 992,00 MHz		15,0	22,0	_	dB
992,001020,00 MHz		35,0	45,0	_	dB
1020,001200,00 MHz		45,0	50,0	_	dB
Temperature coefficient of frequency	TC _f	_	-30	_	ppm/K



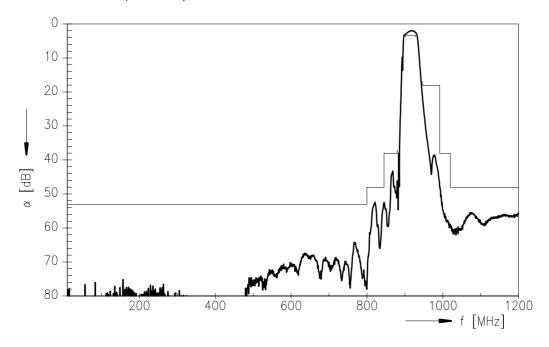
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Transfer function



Transfer function (wideband)





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