

SAW Components

Data Sheet B3588





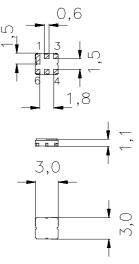
SAW Components	B3588
Low Loss Filter	915,00 MHz
Preliminary Data	

Features

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

Terminals

Ni, gold-plated

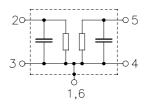


Ceramic package DCC6C

Dimensions in mm, approx. weight 0,037 g

Pin configuration

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



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	Т	0/+ 70	°C	
Storage temperature range	T _{stg}	-40/+ 85	°C	
DC voltage	V _{DC}	0	V	
Source power	Ps	0	dBm	source impedance 50 Ω





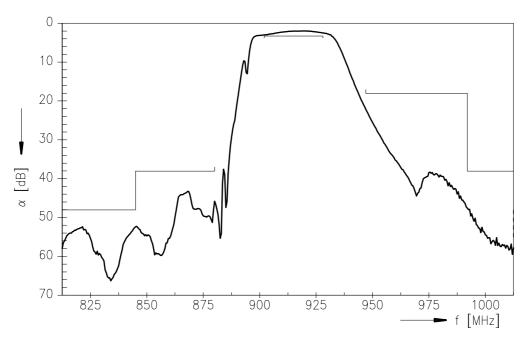
SAW Components					B3588
Low Loss Filter 915,00 MHz				00 MHz	
Preliminary Data					
Characteristics					
Operating temperature range: 7	= 0 7	70 °C			
	, s = 50 Ω				
	$C_{\rm L} = 50 \ \Omega$				
		min.	typ.	max.	
Center frequency	f _c	_	915,00	_	MHz
Maximum insertion attenuation	α_{max}				
902,00 928,00 MH	łz	_	2,9	3,3	dB
Amplitude ripple	Δα				
902,00 928,00 MH	łz	_	0,9	1,5	dB
Relative attenuation (relative to α_{max})	α_{rel}				
10,00 800,00 MH		50,0	55,0	—	dB
800,00 845,00 MH		45,0	50,0	-	dB
845,00 880,00 MH		35,0	43,0	-	dB
947,00 992,00 MH	lz	15,0	22,0	-	dB
992,001020,00 MH		35,0	45,0	—	dB
1020,001200,00 MH	łz	45,0	50,0	-	dB
Temperature coefficient of frequency	TC _f		-30		ppm/K



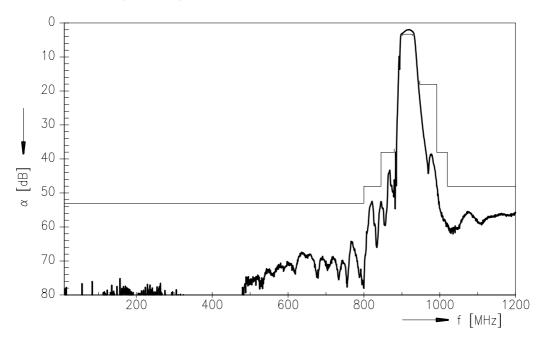
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Transfer function



Transfer function (wideband)



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Low Loss Filter	915,00 MHz

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This brochure replaces the previous edition.

Preliminary Data

For questions on technology, prices and delivery please contact the Sales Offices of EPCOS AG or the international Representatives.

Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our Sales Offices.



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