查询"B39431B3721U410"供应商



SAW Components

SAW filter Short range devices

Series/type: Ordering code:

B3721 B39431B3721U410

Date: Version: March 25, 2009 2.2

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SAW Components	B3721
SAW filter	433.92 MHz
Data sheet	

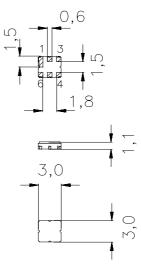
Application

- Low-loss RF filter for remote control receivers
- No matching network required for operation at 50 Ω



Features

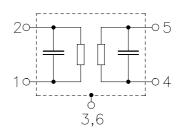
- Package size 3.0 x 3.0 x 1.1 mm³
- Package code DCC6C
- RoHS compatible
- Approximate weight 0.037 g
- Package for Surface Mount Technology (SMT)
- Ni, gold-plated terminals
- Lead free soldering compatible with J STD20C
- Passivation layer Elpas
- AEC-Q200 qualified component family
- Electrostatic Sensitive Device (ESD)



Pin configuration

2	Input
	mpat

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



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SAW Components SAW filter				42	B3721
		_		40,	3.92 MHz
Data sheet	SM				
Characteristics					
Reference temperature: Terminating source impedance: Terminating load impedance:	T = Z _S = Z _L =	50 Ω			
		min.	typ.	max.	
Center frequency	f _C		433.92		MHz
Maximum insertion attenuation 433.12 434.72 MHz	α_{max}	_	2.6	2.9	dB
Amplitude ripple (p-p) 433.12 434.72 MHz	Δα	_	0.4	0.8	dB
Input VSWR 433.12 434.72 MHz Output VSWR 433.12 434.72 MHz		_	1.8 1.8	2.0 2.0	
Attenuation 10.00 380.00 MHz 380.00 423.42 MHz 423.42 427.42 MHz 427.42 429.42 MHz 438.42 444.42 MHz 444.42 460.00 MHz 460.00 700.00 MHz	α	60 46 30 14 12 32 52 48	65 51 34 17 16 37 58 51	 	dB dB dB dB dB dB dB dB dB



SAW Components						B3721
SAW filter					43	3.92 MHz
Data sheet	i i i	SM				
Characteristics						
Temperature range for specification: Terminating source impedance: Terminating load impedance:		T = Z _S = Z _L =		+85 °C		
			min.	typ. @ 25 °C	max.	
Center frequency		f _C		433.92		MHz
Maximum insertion attenuation 433.12 434.72	MHz	α_{max}	_	2.6	2.9	dB
Amplitude ripple (p-p) 433.12 434.72	MHz	Δα	_	0.4	1.0	dB
Input VSWR 433.12 434.72 Output VSWR			_	1.8	2.0	
433.12 434.72 Attenuation 10.00 380.00 380.00 423.42 423.42 427.42	MHz MHz	α	60 46 30	1.8 65 51 34	2.0 	dB dB dB
427.42429.42438.42444.42444.42460.00460.00700.00700.001000.00	MHz MHz MHz		7 6 32 52 48	17 16 37 58 51		dB dB dB dB dB

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SAW Components			B3721
SAW filter			433.92 MHz
Data sheet	<u>SM</u>		
Maximum ratings			
Operable temperature range T	-45/+125	°C	

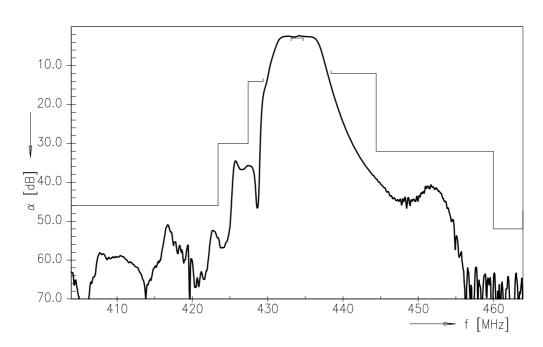
Operable temperature range	I	-43/+123		
Storage temperature range	T _{stg}	-45/+125	°C	
DC voltage	V _{DC}	6	V	
Source power	Ps	10	dBm	source impedance 50 Ω
Source power 433.12 MHz to 434.72 MHz	Ps	13	dBm	duty cycle 1:10, −40 °C to +85 °C

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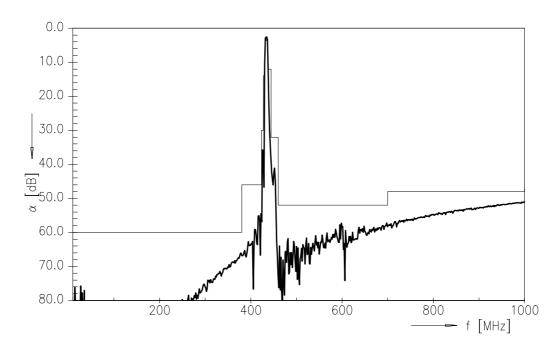




Transfer function



Transfer function (wideband)



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SAW Components		B3721
SAW filter		433.92 MHz
Data sheet	SMD	

References

Туре	B3721
Ordering code	
Marking and package	C61157-A7-A67
Packaging	F61074-V8168-Z000
Date codes	L_1126
S-parameters	B3721_SB.s2p B3721_WB.s2p
Soldering profile	S_6001
RoHS compatible	defined as compatible with the following documents: "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. 2005/618/EC from April 18th, 2005, amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maxi- mum concentration values for certain hazardous substances in electrical and electronic equipment."

For further information please contact your local EPCOS sales office or visit our webpage at www.epcos.com .

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