



SAW Components

Data Sheet M 9260 M





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M 9260 M

IF Filter for Audio Applications

45,75 MHz

Data Sheet

Standard

Plastic package **SIP5K**

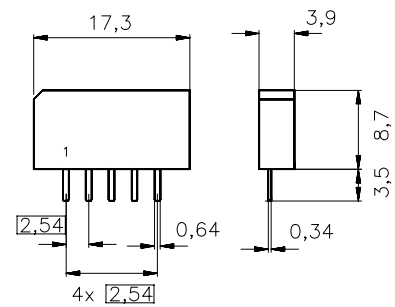
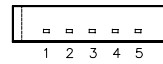
- M/N

Features

- TV IF audio filter with pass bands for picture carrier at 45,75 MHz and sound carrier at 41,25 MHz

Terminals

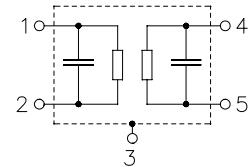
- Tinned CuFe alloy



Dimensions in mm, approx. weight 1,0 g

Pin configuration

- 1 Input
- 2 Input - ground
- 3 Chip carrier - ground
- 4 Output
- 5 Output



Type	Ordering code	Marking and package according to	Packing according to
M 9260 M	B39458-M9260-M100	C61157-A1-A15	F61074-V8067-Z000

Maximum ratings

Operable temperature range	T_A	-25/+65	°C	
Storage temperature range	T_{stg}	-40/+85	°C	
DC voltage	V_{DC}	5	V	between any terminals
AC voltage	V_{pp}	10	V	between any terminals



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Characteristics

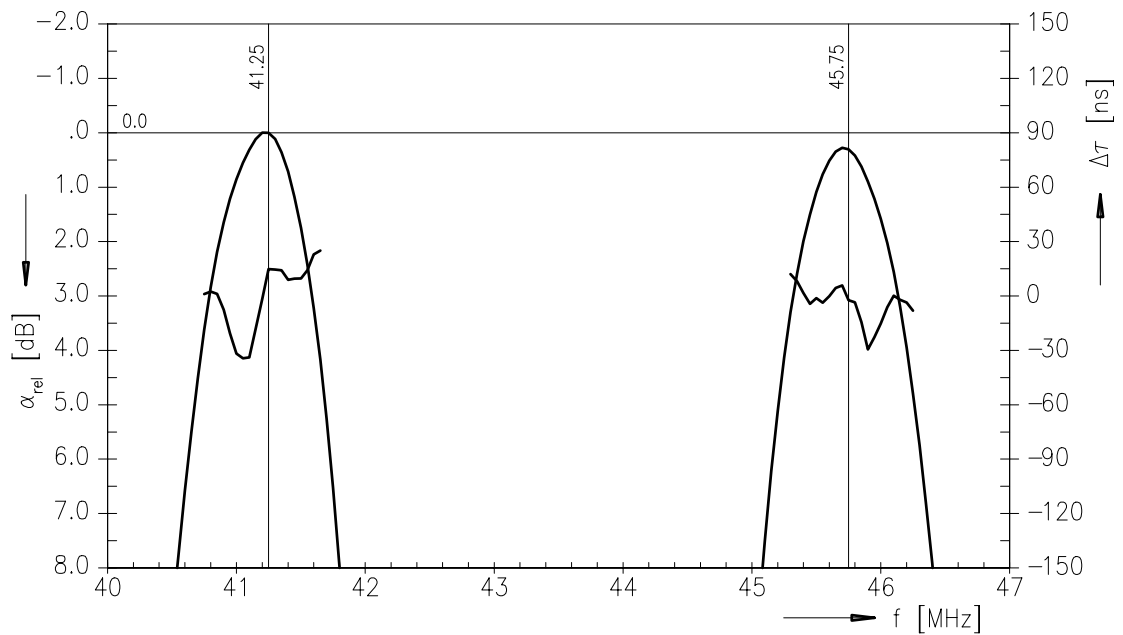
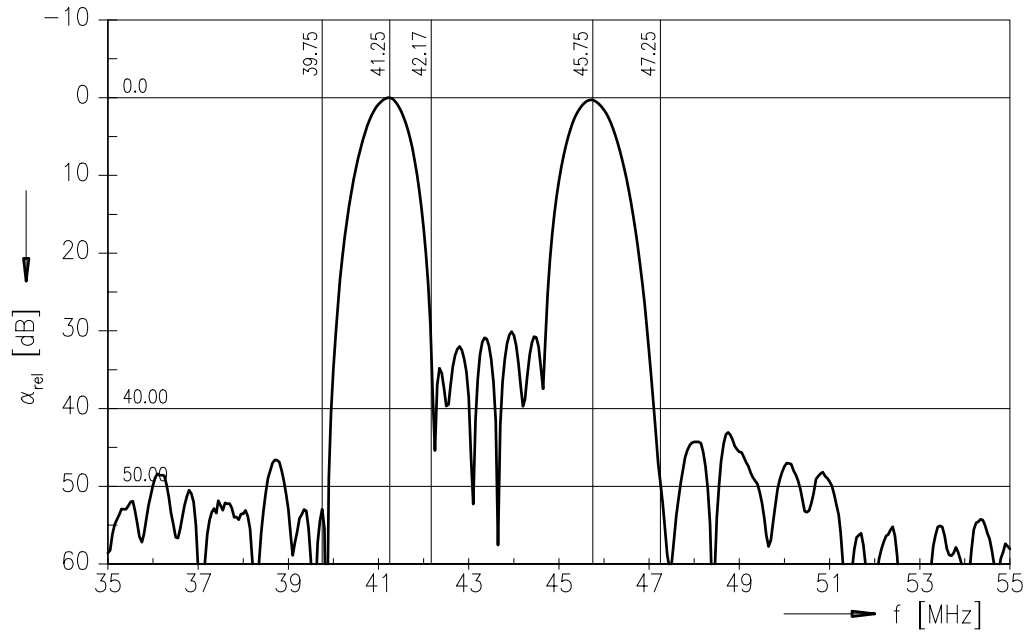
Reference temperature: $T_A = 25\text{ °C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 2\text{ k}\Omega \parallel 3\text{ pF}$

		min.	typ.	max.	
Insertion attenuation					
	α				
Reference level for the following data	41,25 MHz	12,6	14,1	15,6	dB
Relative attenuation					
	α_{rel}				
Picture carrier	45,75 MHz	-0,6	0,4	1,4	dB
Color carrier	42,17 MHz	22,0	28,0	—	dB
Adjacent picture carrier	39,75 MHz	42,0	50,0	—	dB
Adjacent sound carrier	47,25 MHz	40,0	48,0	—	dB
Lower sidelobe	35,00 ... 39,75 MHz	40,0	46,0	—	dB
Upper sidelobe	47,25 ... 55,00 MHz	36,0	42,0	—	dB
Impedance at 41,25 MHz					
	Input: $Z_{IN} = R_{IN} \parallel C_{IN}$	—	0,4 \parallel 9,5	—	k Ω \parallel pF
	Output: $Z_{OUT} = R_{OUT} \parallel C_{OUT}$	—	3,3 \parallel 6,3	—	k Ω \parallel pF
Temperature coefficient of frequency	TC_f	—	-72	—	ppm/K



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Frequency response





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Published by EPCOS AG

Surface Acoustic Wave Components Division, SAW CE MM PD

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