



SAW Components

Data Sheet M 9260 M

Data Sheet

EPCOS



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M 9260 M

IF Filter for Audio Applications

45,75 MHz

Data Sheet

Standard

Plastic package **SIP5K**

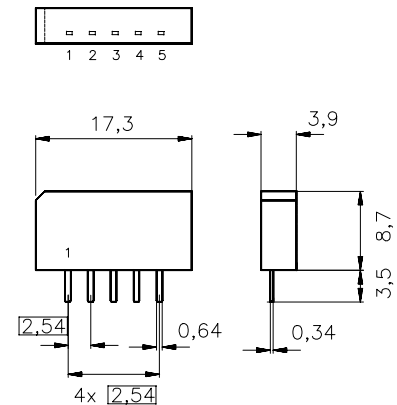
■ M/N

Features

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

Terminals

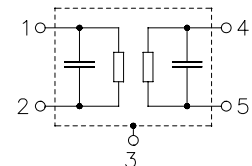
- Tinned CuFe alloy



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:

$$T_A = 25\text{ }^{\circ}\text{C}$$

Terminating source impedance:

$$Z_S = 50\text{ }\Omega$$

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: $Z_{\text{IN}} = R_{\text{IN}} \parallel C_{\text{IN}}$		—	0,4 $\parallel$ 9,5	—	k Ω $\parallel$ pF
Output: $Z_{\text{OUT}} = R_{\text{OUT}} \parallel C_{\text{OUT}}$		—	3,3 $\parallel$ 6,3	—	k Ω $\parallel$ pF
Temperature coefficient of frequency	TC_f	—	-72	—	ppm/K



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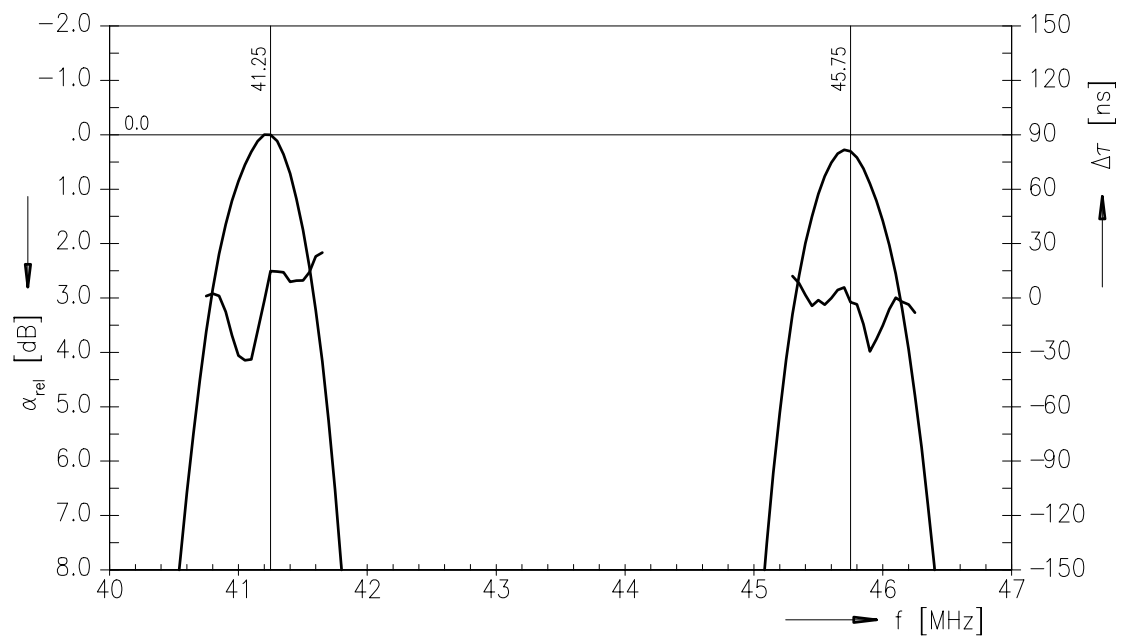
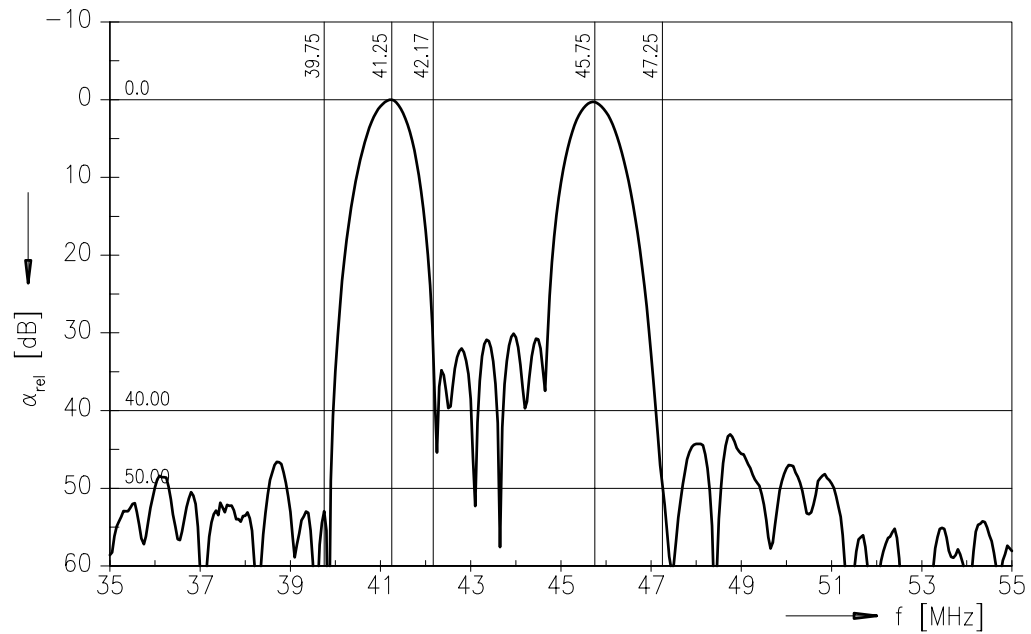
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Frequency response





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