



# SAW Components

Data Sheet M 9260 M





**SAW Components**

**M 9260 M**

**IF Filter for Audio Applications**

**45,75 MHz**

**Data Sheet**

**Standard**

Plastic package **SIP5K**

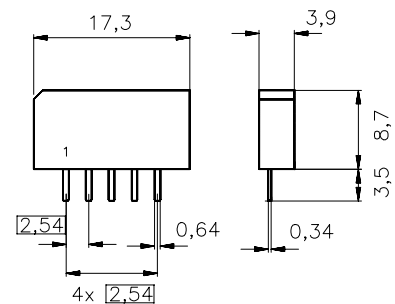
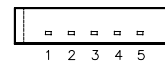
- M/N

**Features**

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

**Terminals**

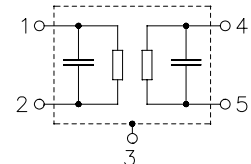
- Tinned CuFe alloy



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**

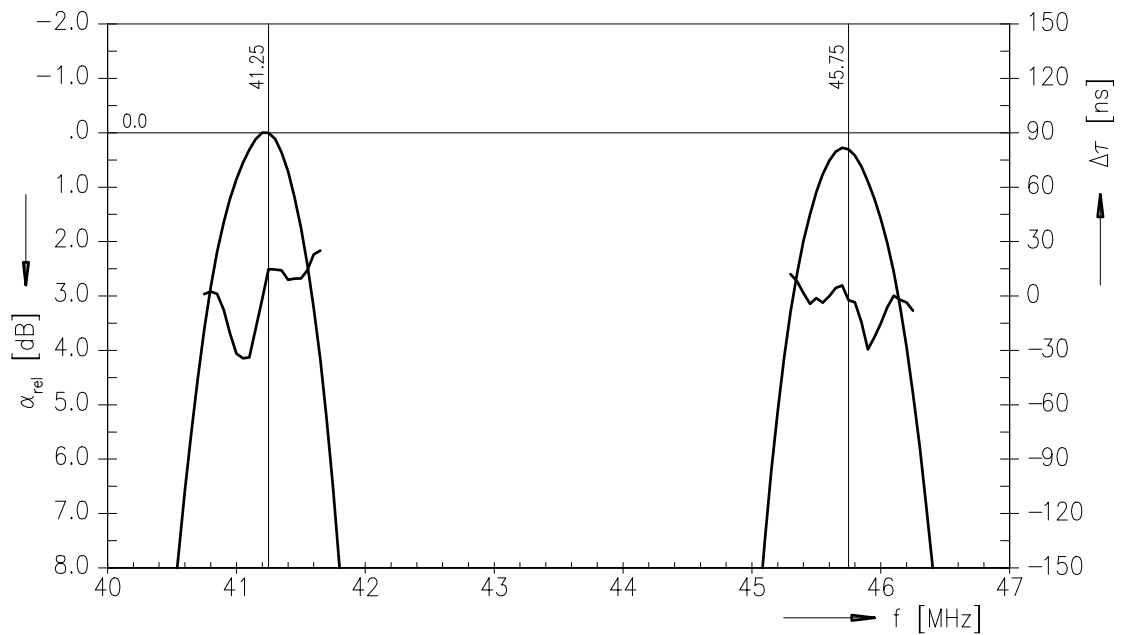
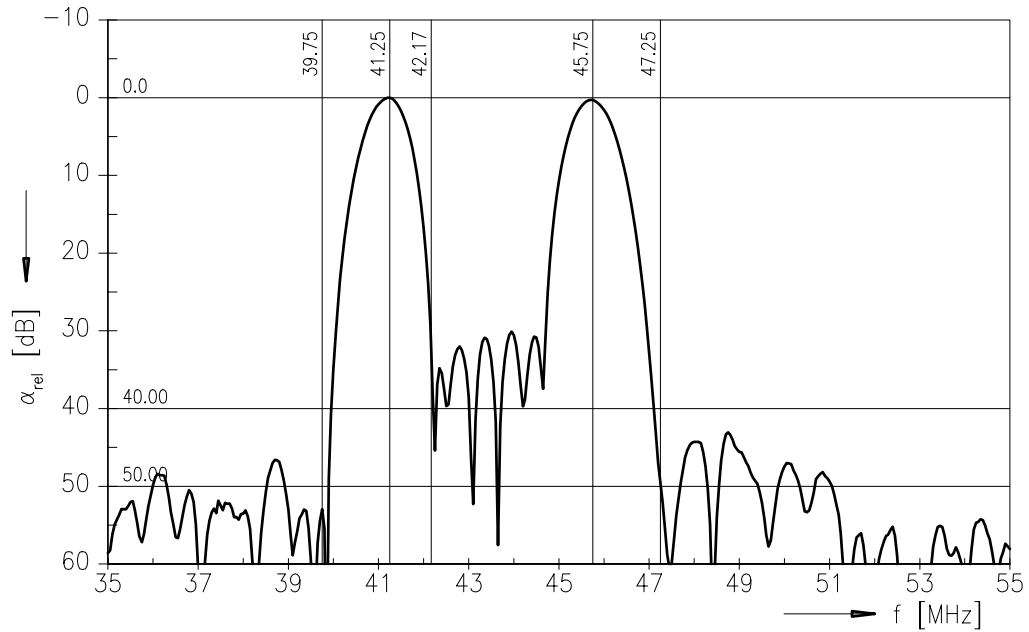
Reference temperature:  $T_A = 25\text{ }^\circ\text{C}$   
 Terminating source impedance:  $Z_S = 50\ \Omega$   
 Terminating load impedance:  $Z_L = 2\ \text{k}\Omega \parallel 3\ \text{pF}$

		<b>min.</b>	<b>typ.</b>	<b>max.</b>	
<b>Insertion attenuation</b>					
	$\alpha$				
Reference level for the following data	41,25 MHz	12,6	14,1	15,6	dB
<b>Relative attenuation</b>					
	$\alpha_{\text{rel}}$				
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
<b>Impedance</b> at 41,25 MHz					
	Input: $Z_{\text{IN}} = R_{\text{IN}} \parallel C_{\text{IN}}$	—	0,4 $\parallel$ 9,5	—	k $\Omega$ $\parallel$ pF
	Output: $Z_{\text{OUT}} = R_{\text{OUT}} \parallel C_{\text{OUT}}$	—	3,3 $\parallel$ 6,3	—	k $\Omega$ $\parallel$ pF
<b>Temperature coefficient of frequency</b>	$TC_f$	—	-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**

**P.O. Box 80 17 09, D-81617 München**

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