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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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# SAW multimedia filters

## Series/Type: **K9352M**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B39380K9352M100		2011-01-14	2011-09-30	2012-09-30

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at [www.epcos.com/sales](http://www.epcos.com/sales).

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**SAW Components**
**K 9352 M**
**IF Filter for Audio Applications**
**38,00 MHz**
**Data Sheet**
**Standard**

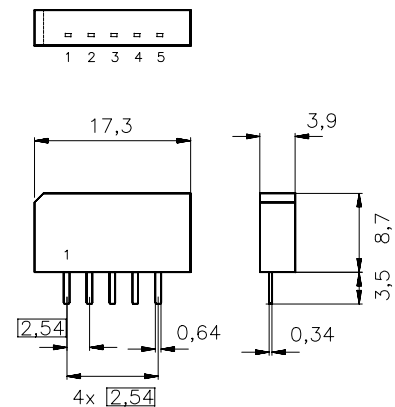
- B/G
- D/K
- I
- M/N

**Features**

- TV IF audio filter with pass band for sound carriers between 31,50 MHz and 33,50 MHz

**Terminals**

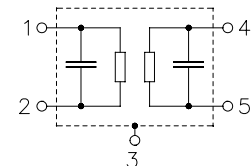
- Tinned CuFe alloy

 Plastic package **SIP5K**


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
K 9352 M	B39380-K9352-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

**Data Sheet**
**Characteristics**

Reference temperature:

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

Terminating source impedance:

$Z_S = 50 \text{ } \Omega$

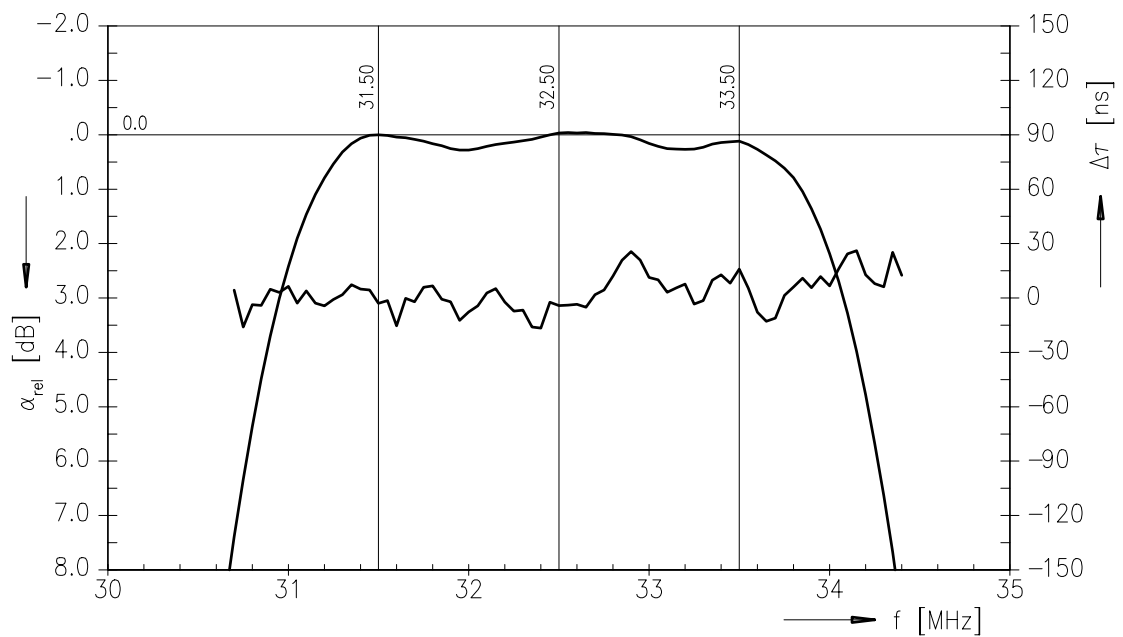
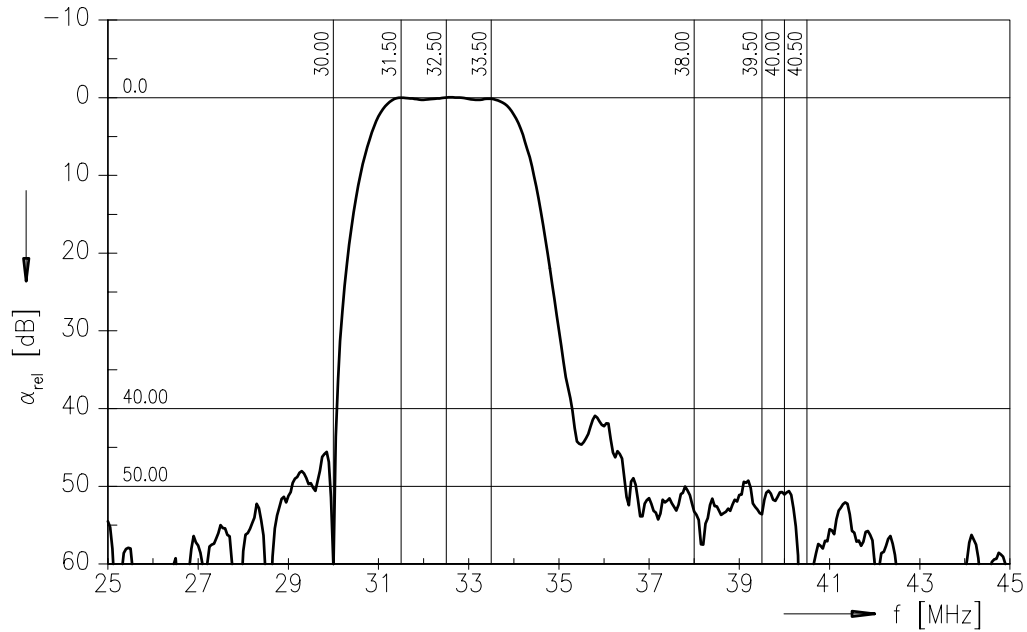
Terminating load impedance:

$Z_L = 2 \text{ k}\Omega \parallel 3 \text{ pF}$

		min.	typ.	max.	
<b>Insertion attenuation</b>					
	$\alpha$				
Reference level for the following data	31,50 MHz	11,8	13,3	14,8	dB
<b>Relative attenuation</b>					
	$\alpha_{rel}$				
Sound carrier	32,50 MHz	-1,1	-0,1	0,9	dB
	33,50 MHz	-0,8	0,2	1,2	dB
Picture carrier	38,00 MHz	44,0	52,0	—	dB
Adjacent picture carrier	30,00 MHz	42,0	54,0	—	dB
Adjacent sound carrier	39,50 MHz	42,0	52,0	—	dB
	40,00 MHz	40,0	47,0	—	dB
	40,50 MHz	44,0	56,0	—	dB
Lower sidelobe	25,00 ... 30,00 MHz	37,0	43,0	—	dB
Upper sidelobe	38,00 ... 45,00 MHz	39,0	46,0	—	dB
<b>Impedance at 31,50 MHz</b>					
	Input: $Z_{IN} = R_{IN} \parallel C_{IN}$	—	1,7    11,0	—	k $\Omega$    pF
	Output: $Z_{OUT} = R_{OUT} \parallel C_{OUT}$	—	2,1    5,3	—	k $\Omega$    pF
<b>Temperature coefficient of frequency</b>					
	$TC_f$	—	-72	—	ppm/K

Data Sheet

Frequency response



**SAW Components**

**K 9352 M**

**IF Filter for Audio Applications**

**38,00 MHz**

**Data Sheet**

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