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The following products presented in this data sheet are being withdrawn.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

Data Sheet

Standard

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

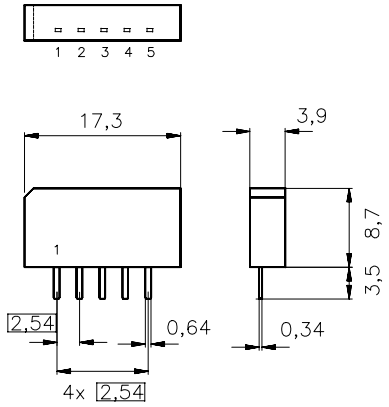
Features

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

Terminals

- Tinned CuFe alloy

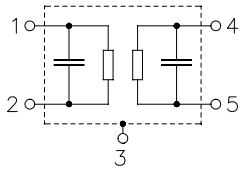
Plastic package **SIP5K**



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

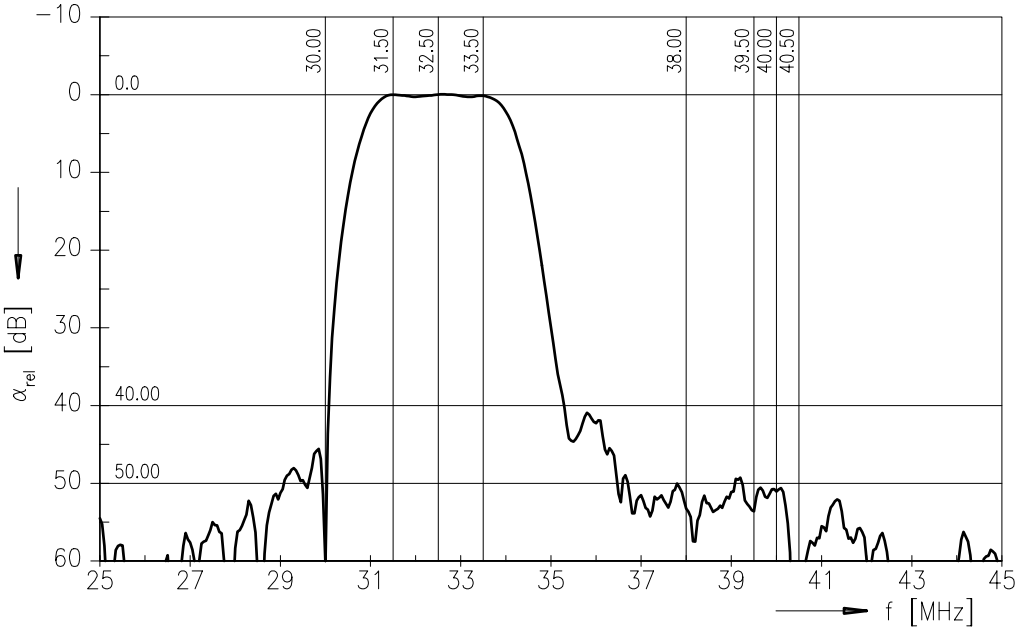
Data Sheet

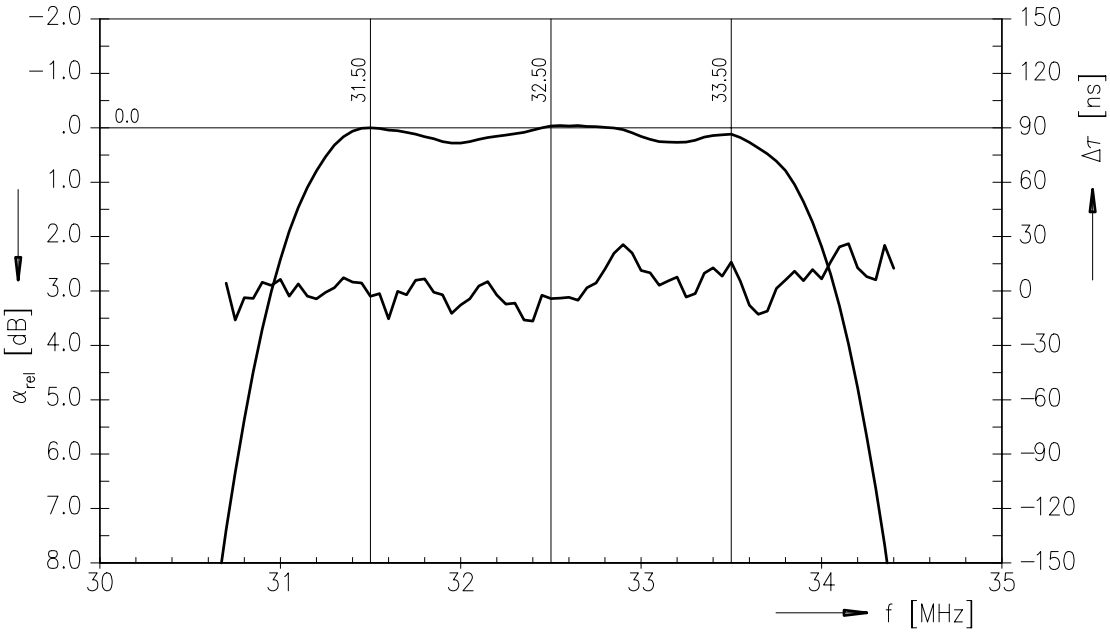
Characteristics

Reference temperature: T_A = 25 °C
Terminating source impedance: Z_S = 50 Ω
Terminating load impedance: Z_L = 2 kΩ || 3 pF

				min.	typ.	max.	
Insertion attenuation			α				
Reference level for the following data		31,50 MHz		11,8	13,3	14,8	dB
Relative attenuation			α_{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
Impedance at 31,50 MHz							
Input: $Z_{IN} = R_{IN} \parallel C_{IN}$				—	1,7 ‖ 11,0	—	kΩ || pF
Output: $Z_{OUT} = R_{OUT} \parallel C_{OUT}$				—	2,1 ‖ 5,3	—	kΩ || pF
Temperature coefficient of frequency			TC_f	—	–72	—	ppm/K

Frequency response





Published by EPCOS AG
Surface Acoustic Wave Components Division, SAW CE MM PD
P.O. Box 80 17 09, D-81617 München

As far as patents or other rights of third parties are concerned, liability is only assumed for components per se, not for applications, processes and circuits implemented within components or assemblies.

The information describes the type of component and shall not be considered as assured characteristics.
Terms of delivery and rights to change design reserved.

For questions on technology, prices and delivery please contact the sales offices of EPCOS AG or the international representatives.

Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our sales offices.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View K9352M on WIN SOURCE
- EPCOS (TDK) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management