EPCOS

SAW Components

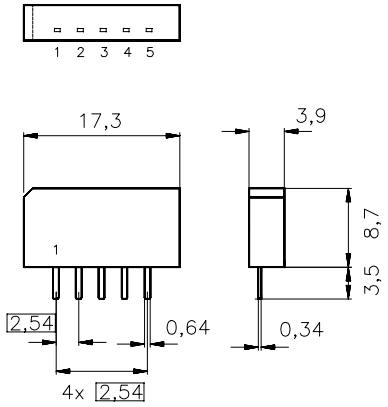
Data Sheet M 9260 M

Data Sheet

Standard

Plastic package **SIP5K**

- M/N



Dimensions in mm, approx. weight 1,0 g

Features

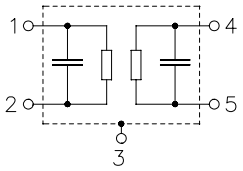
- TV IF audio filter with pass bands for picture carrier at 45,75 MHz and sound carrier at 41,25 MHz

Terminals

- Tinned CuFe alloy

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

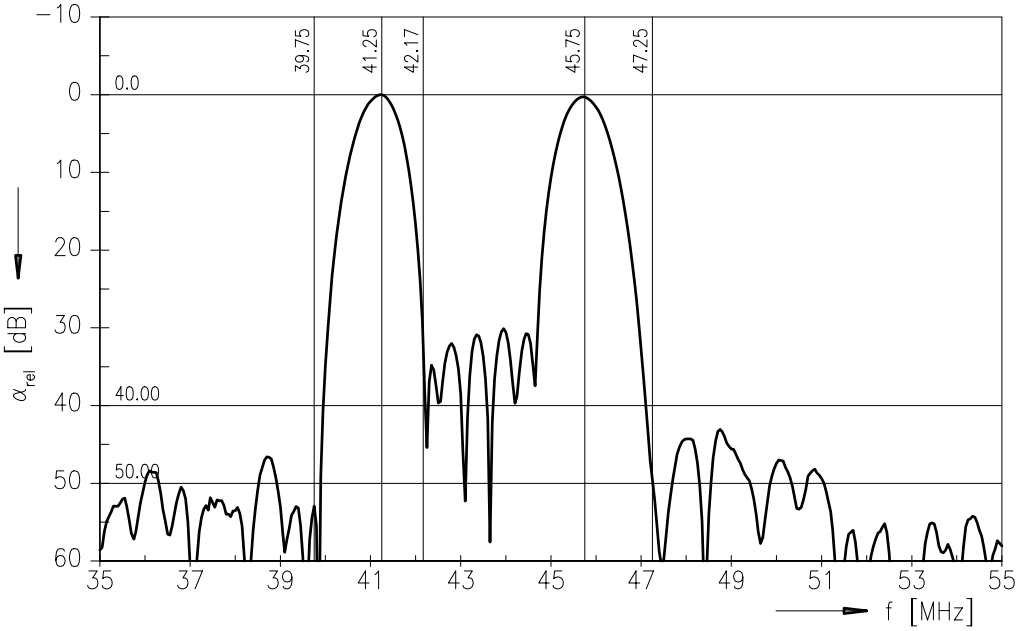
Data Sheet

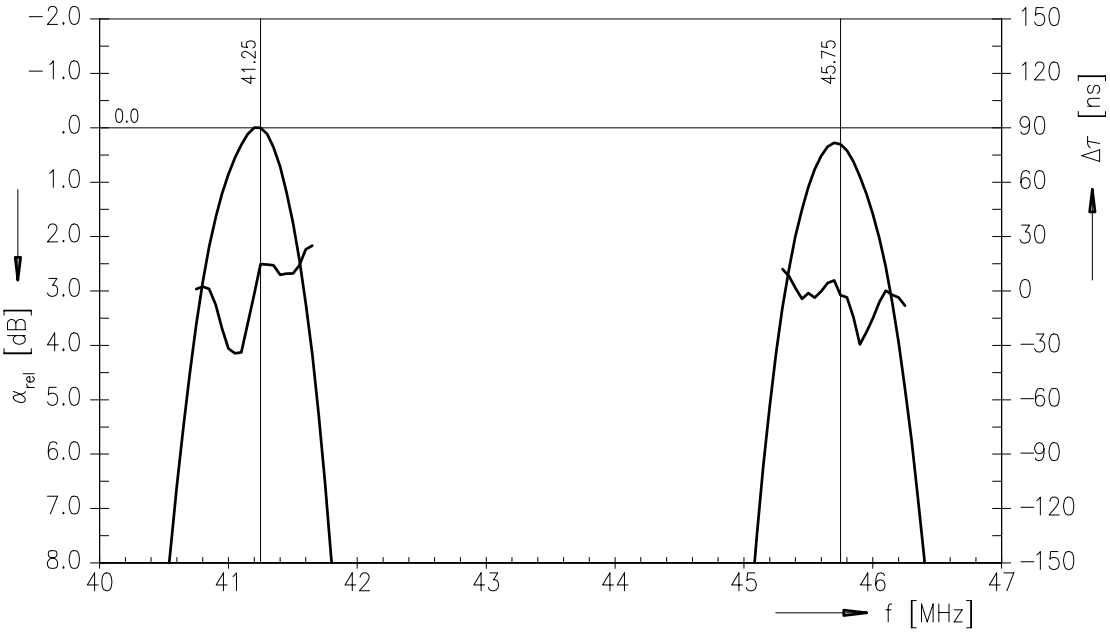
Characteristics

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	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 || 9,5	—	kΩ || pF
Output: $Z_{OUT} = R_{OUT} \parallel C_{OUT}$			—	3,3 || 6,3	—	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

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