



SAW Components

Data Sheet K 9353 M

Data Sheet

An abstract, grayscale graphic featuring a globe with a grid of latitude and longitude lines. Overlaid on the globe is a large, stylized, 3D-effect word "EPCOS" in a light gray color. The word is tilted and appears to be floating or attached to the globe's surface. The overall composition is dark and moody, with the globe and the word being the primary visual elements.

EPCOS



SAW Components

K 9353 M

IF Filter for Audio Applications

38,90 MHz

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.	
Insertion attenuation α					
Reference level for the following data	32,35 MHz	10,3	11,8	13,3	dB
Relative attenuation α_{rel}					
Sound carrier	32,90 MHz	-0,8	0,2	1,2	dB
	31,95 MHz	-0,3	0,7	1,7	dB
Picture carrier	38,90 MHz	44,0	57,0	—	dB
Color carrier	34,47 MHz	32,0	40,0	—	dB
Adjacent picture carrier	30,90 MHz	38,0	48,0	—	dB
Adjacent sound carrier	40,90 MHz	46,0	61,0	—	dB
	40,35 MHz	44,0	57,0	—	dB
Lower sidelobe	25,00 ... 30,90 MHz	34,0	40,0	—	dB
Upper sidelobe	38,90 ... 45,00 MHz	42,0	50,0	—	dB
Impedance at 32,35 MHz					
Input: $Z_{\text{IN}} = R_{\text{IN}} \parallel C_{\text{IN}}$		—	0,8 $\parallel$ 15,1	—	k Ω $\parallel$ pF
Output: $Z_{\text{OUT}} = R_{\text{OUT}} \parallel C_{\text{OUT}}$		—	4,0 $\parallel$ 2,4	—	k Ω $\parallel$ pF
Temperature coefficient of frequency TC_f		—	-72	—	ppm/K



SAW Components

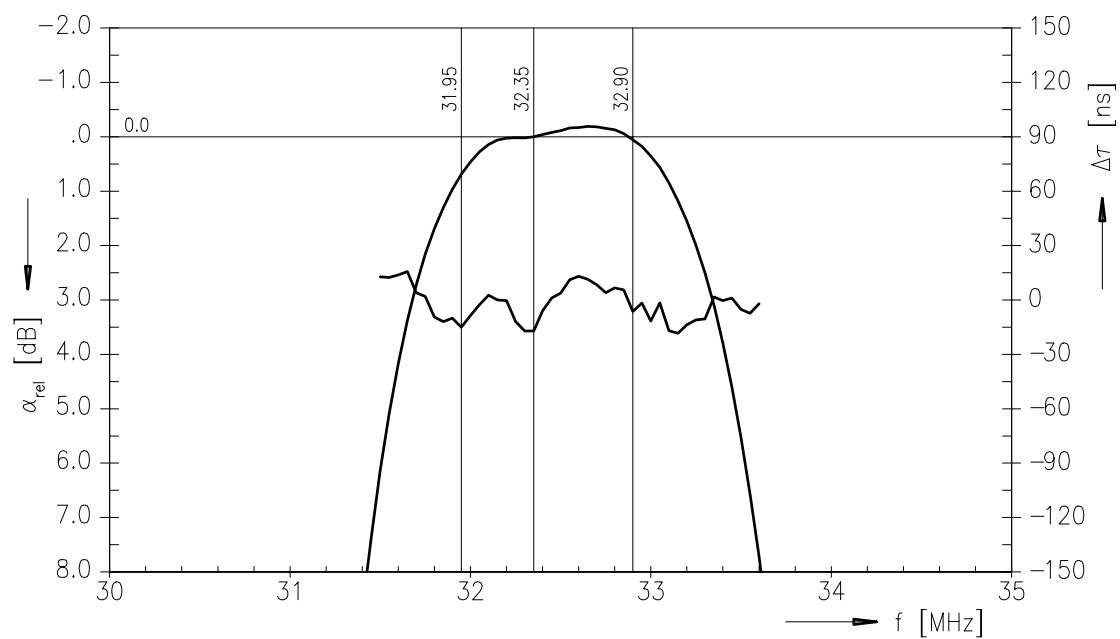
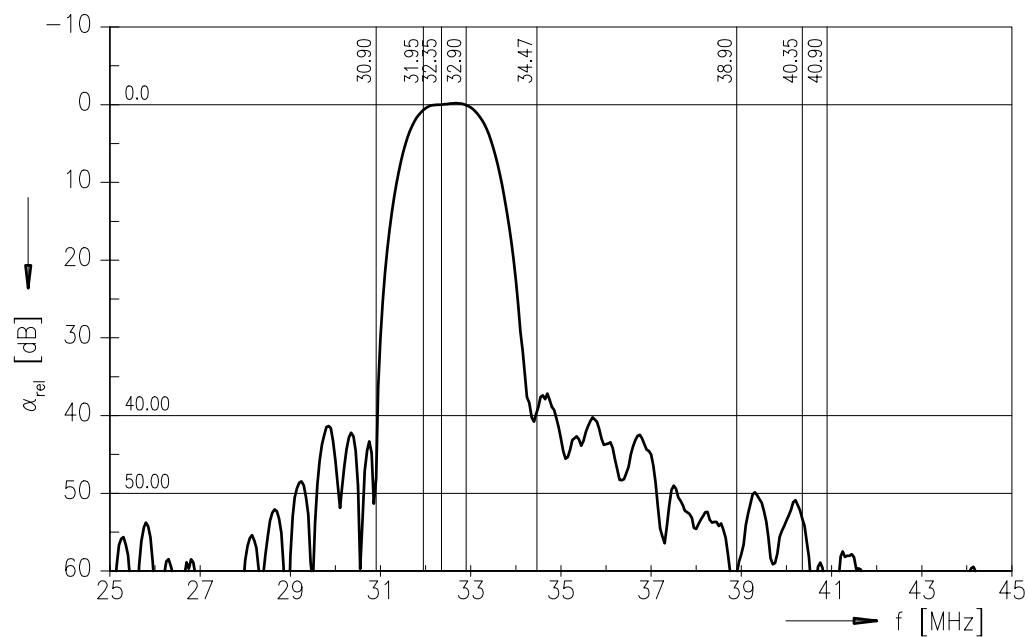
K 9353 M

IF Filter for Audio Applications

38,90 MHz

Data Sheet

Frequency response





SAW Components	K 9353 M
IF Filter for Audio Applications	38,90 MHz

Data Sheet

Published by EPCOS AG

Surface Acoustic Wave Components Division, SAW CE MM PD

P.O. Box 80 17 09, D-81617 München

© EPCOS AG 2001. All Rights Reserved.

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.