## SAW multimedia filters

## Series/Type: K3953M

The following products presented in this data sheet are being withdrawn.

| Ordering Code | Substitute Product | Date of Withdrawal | Deadline Last <br> Orders | Last Shipments |
| :--- | :--- | :--- | :--- | :--- |
| B39389K3953M100 |  | $2011-01-14$ | $2011-09-30$ | $2012-09-30$ |

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.

## SAW Components

## Data Sheet

## Standard

- B/G
- D/K
- I

■ L/L'

## Features

■ TV IF filter with Nyquist slopes at $33,90 \mathrm{MHz}$ and $38,90 \mathrm{MHz}$

- Constant group delay
- Suitable for CENELEC EN 55020


## Terminals

Tinned CuFe alloy

Plastic package SIP5K


Dimensions in mm, approx. weight $1,0 \mathrm{~g}$

## Pin configuration

| 1 | Input |
| :--- | :--- |
| 2 | Input - ground |
| 3 | Chip carrier - ground |
| 4 | Output |
| 5 | Output |


| Type | Ordering code | Marking and package <br> according to | Packing <br> according to |
| :--- | :--- | :--- | :--- |
| K 3953 M | B39389-K3953-M100 | C61157-A1-A15 | F61074-V8067-Z000 |

## Maximum ratings

| Operable temperature range | $T_{\mathrm{A}}$ | $-25 /+65$ | ${ }^{\circ} \mathrm{C}$ |  |
| :--- | :--- | :---: | :---: | :--- |
| Storage temperature range | $T_{\mathrm{stg}}$ | $-40 /+85$ | ${ }^{\circ} \mathrm{C}$ |  |
| DC voltage | $V_{\mathrm{DC}}$ | 5 | V | between any terminals |
| AC voltage | $V_{\mathrm{pp}}$ | 10 | V | between any terminals |

## SAW Components

## Data Sheet

## Characteristics

Reference temperature:
Terminating source impedance:
Terminating load impedance:

$$
\begin{aligned}
& T_{\mathrm{A}}=25^{\circ} \mathrm{C} \\
& Z_{\mathrm{S}}=50 \Omega \\
& Z_{\mathrm{L}}=2 \mathrm{k} \Omega \| 3 \mathrm{pF}
\end{aligned}
$$



## IF Filter for Video Applications

$33,90 \mathrm{MHz}$ and $38,90 \mathrm{MHz}$

## Data Sheet

## Frequency response




4 Mar 31, 2006

## SAW Components

IF Filter for Video Applications
$33,90 \mathrm{MHz}$ and $38,90 \mathrm{MHz}$
Data Sheet
Frequency response


Time domain response


5 Mar 31, 2006

## SAW Components

## Published by EPCOS AG

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