



SAW Components

Data Sheet B3832




SAW Components
B3832
Low-Loss Filter
1747,5 MHz
Data Sheet
Characteristics

Operating temperature range: $T_A = -0 \dots +70 \text{ }^\circ\text{C}$
 Terminating source impedance: $Z_S = 50 \text{ } \Omega$
 Terminating load impedance: $Z_L = 50 \text{ } \Omega$

		min.	typ.	max.	
Nominal frequency	f_N	—	1747,5	—	MHz
Maximum insertion attenuation 1710,0 MHz ... 1785,0 MHz	α_{\max}	—	3,1	4,0	dB
Amplitude ripple (p-p) 1710,0 MHz ... 1785,0 MHz	$\Delta\alpha$	—	1,1	2,0	dB
VSWR 1710,0 MHz ... 1785,0 MHz		—	2,2	3,0	
Absolute attenuation	α_{abs}				
1330,0 MHz ... 1405,0 MHz		42	45	—	dB
1464,0 MHz ... 1539,0 MHz		40	43	—	dB
1615,0 MHz		28	35	—	dB
1690,0 MHz		5	12	—	dB
1805,0 MHz		5	14	—	dB
1880,0 MHz		25	32	—	dB
1956,0 MHz ... 2031,0 MHz		32	34	—	dB
Temperature coefficient of frequency	TC_f	—	- 36	—	ppm/K



SAW Components

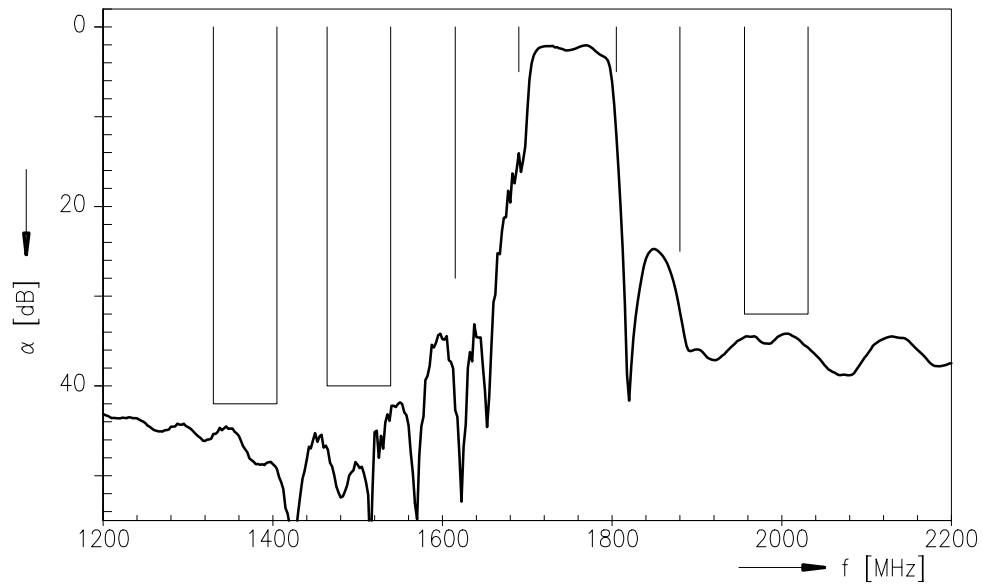
B3832

Low-Loss Filter

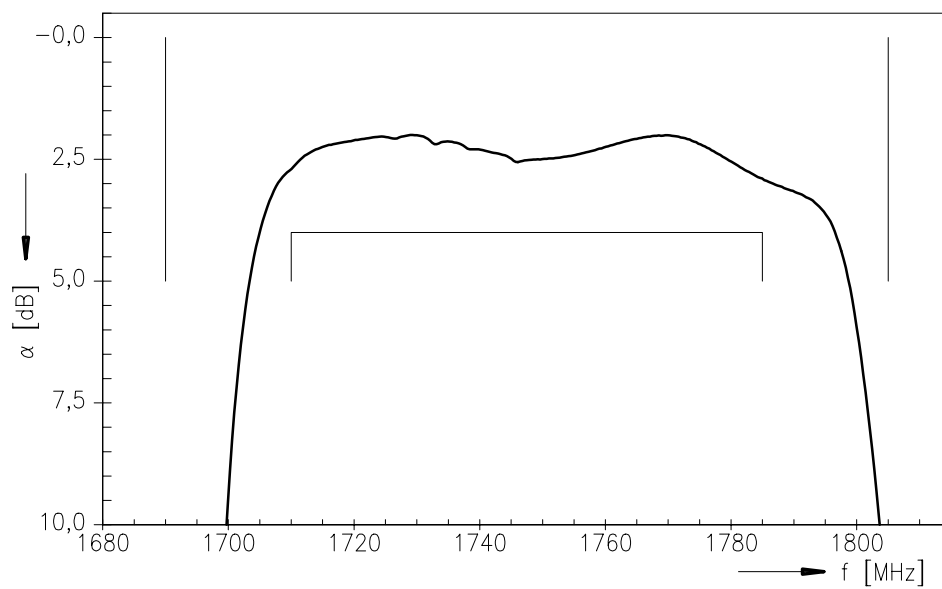
1747,5 MHz

Data Sheet

Transfer function



Transfer function (passband)





SAW Components

B3832

Low-Loss Filter

1747,5 MHz

Data Sheet

Published by EPCOS AG

Surface Acoustic Wave Components Division, SAW COM WT PD

P.O. Box 80 17 09, D-81617 München

© EPCOS AG 2006. All Rights Reserved. Reproduction, publication and dissemination of this brochure and the information contained therein without EPCOS' prior express consent is prohibited.

The information contained in this brochure describes the type of component and shall not be considered as guaranteed characteristics. Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.

This brochure replaces the previous edition.

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.