



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SAW Filters for Mobile Communications

Series/Type: **B7848**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B39861B7848C710		2010-01-15	2010-04-30	2010-07-30

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.

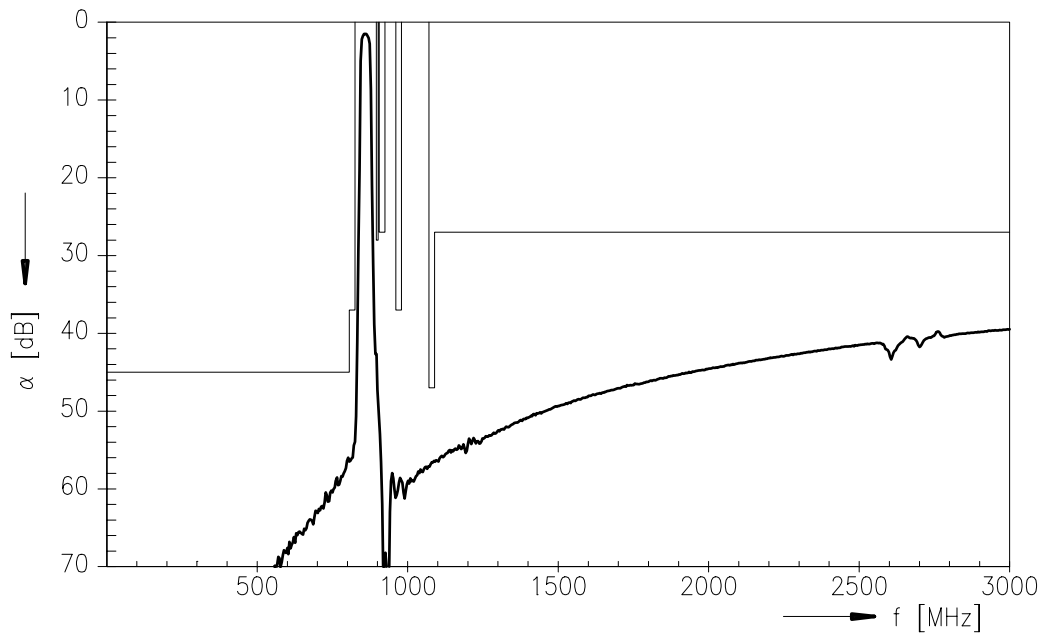
Data Sheet
Characteristics

Operating temperature range: $T = -30$ to $+70$ °C
 Terminating source impedance: $Z_S = 50 \Omega$
 Terminating load impedance: $Z_L = 50 \Omega$

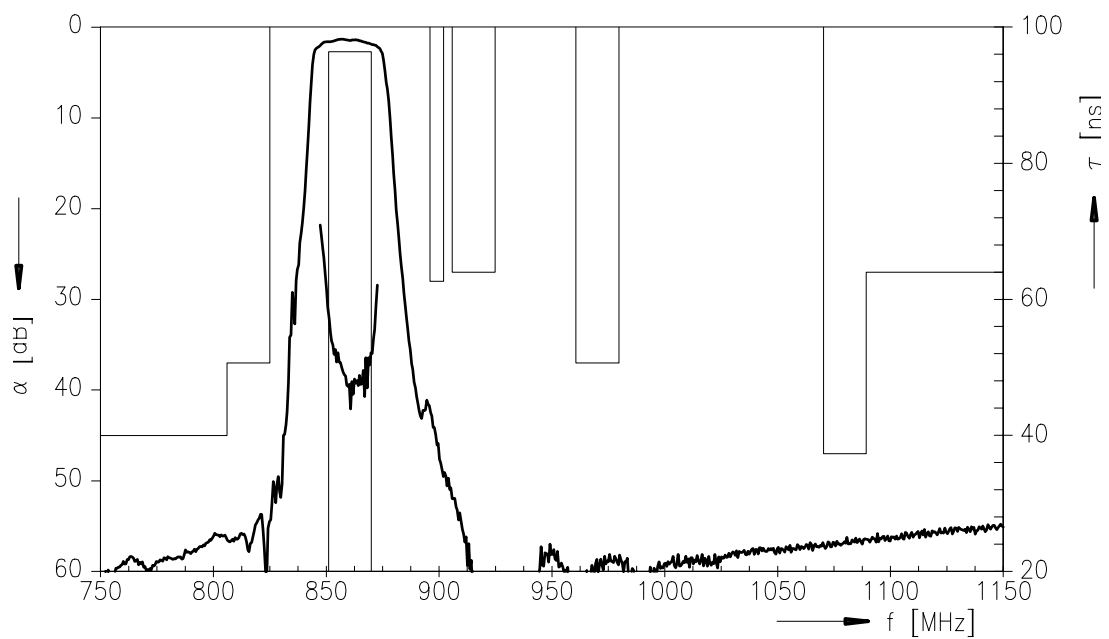
		min.	typ.	max.	
Nominal frequency	f_N	—	860,5	—	MHz
Maximum insertion attenuation	α_{max}	—	2,2	3,0	dB
851,0 ... 870,0 MHz					
Amplitude ripple (p-p)	$\Delta\alpha$	—	0,6	1,0	dB
851,0 ... 870,0 MHz					
Group delay ripple (p-p)	$\Delta\tau$	—	30	60	ns
851,0 ... 870,0 MHz					
Return loss (Input and Output)		11	13	—	dB
851,0 ... 870,0 MHz					
Attenuation	α				dB
0,100... 806,000 MHz		45	55	—	
806,000... 825,000 MHz		37	51	—	
896,000... 902,000 MHz		28	42	—	
905,825... 924,825 MHz		27	51	—	
960,650... 979,650 MHz		37	57	—	
1070,300... 1089,300 MHz		47	55	—	
1089,300... 3000,000 MHz		27	39	—	

Data Sheet

Transfer function



Transfer function (pass band)



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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.