



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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Siemens Matsushita Components

SAW Components Low Loss Filter for Mobile Communication

B4649
959,50 MHz

Data Sheet

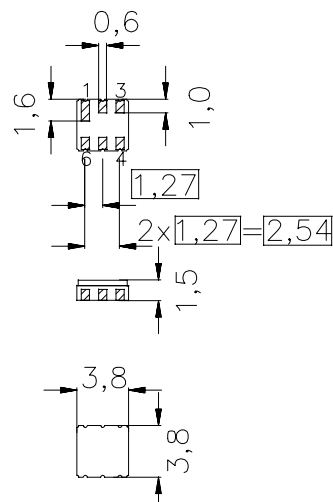
Ceramic package **DCC6**

Features

- Low loss RF filter for cordless telephone CT1
- High image frequency suppression
- No matching network required for operation at 50 Ω
- Package for **Surface Mounted Technology (SMT)**

Terminals

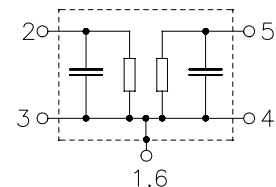
- Ni, gold-plated



Dimensions in mm, approx. weight 0,07 g

Pin configuration

2	Input
5	Output
1, 3, 4, 6	Ground



Type	Ordering code	Marking and Package according to	Packing according to
B4649	B39961-B4649-Z610	C61157-A7-A41	F61074-V8030-Z000

Electrostatic Sensitive Device (ESD)

Maximum ratings

Operable temperature range	T	0/+ 55	°C	
Storage temperature range	T_{stg}	- 40/+ 85	°C	
DC voltage	V_{DC}	0	V	
Source power	P_S	10	dBm	source impedance 50 Ω



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Characteristics

Operating temperature range: $T = 0\text{ }^{\circ}\text{C}$ to $55\text{ }^{\circ}\text{C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 50\ \Omega$

		min.	typ.	max.	
Center frequency	f_c	-	959,50	-	MHz
Maximum insertion attenuation	α_{max}				
	959,00 ... 960,00 MHz	-	2,8	4,0	dB
Amplitude ripple (p-p)	$\Delta\alpha$				
	959,00 ... 960,00 MHz	-	0,3	2,0	dB
Relative attenuation (relative to α_{max})	α_{rel}				
	914,00 ... 937,00 MHz	35,0	45,0	-	dB
	980,00 ... 996,00 MHz	10,0	50,0	-	dB
	996,00 ... 1003,00 MHz	35,0	50,0	-	dB
Temperature coefficient of frequency	TC_f	-	-30	-	ppm/K

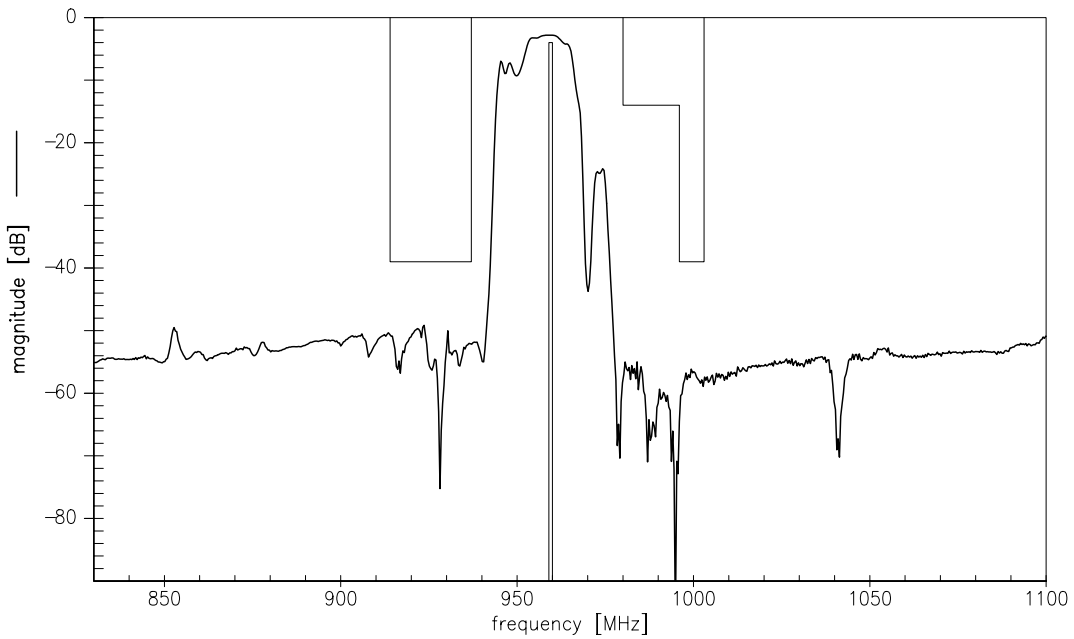


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Transfer function



Transfer function (wideband)

