



SAW Components

Preliminary Data Sheet B4057

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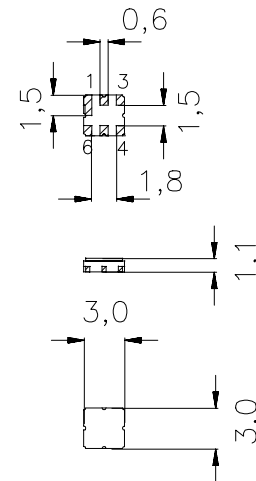
EPCOS AG is a TDK Group Company.


 Ceramic package **DCC6D**
Features

- Low loss RF filter for GPS receivers
- Usable passband 20 MHz
- Low insertion attenuation, low amplitude ripple
- Unbalanced to balanced operation
- Ceramic package for **Surface Mounted Technology (SMT)**

Terminals

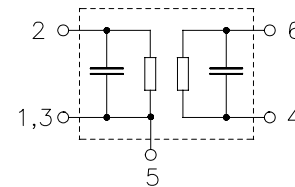
- Ni, gold-plated



Dimensions in mm, approx. weight 0,037 g

Pin configuration

- | | |
|---------|-------------------|
| 2 | Input, unbalanced |
| 4, 6 | Output, balanced |
| 1, 3, 5 | To be grounded |
| 1, 3, 5 | Case ground |



Type	Ordering code	Marking and Package according to	Packing according to
B4057	B39122-B4057-U510	C61157-A7-A68	F61074-V8089-Z000

Electrostatic Sensitive Device (ESD)
Maximum ratings

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

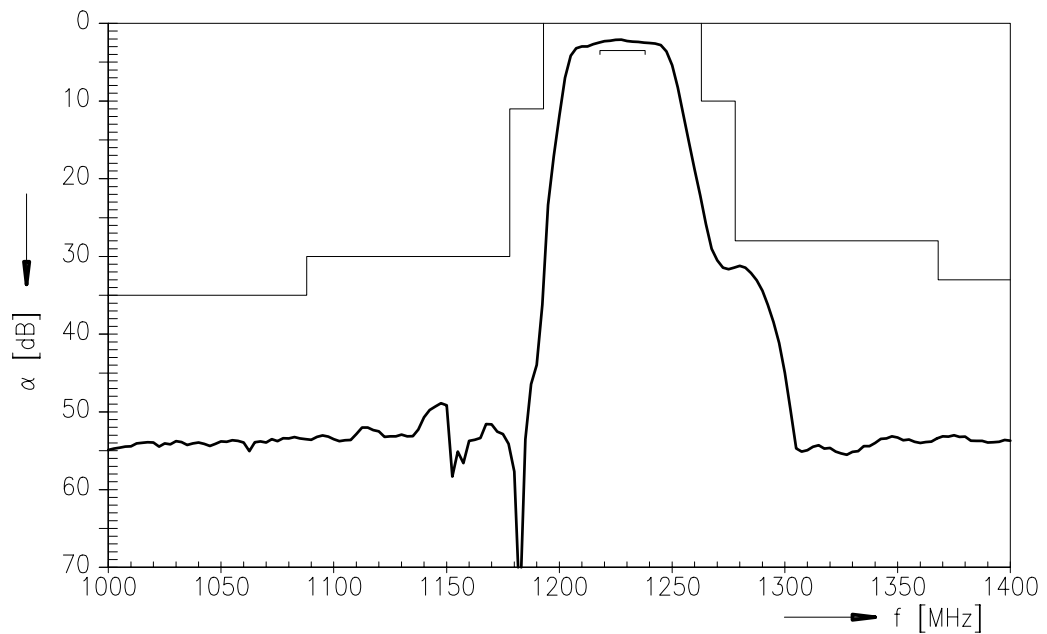

Characteristics

Operating temperature range:	$T = -40\text{ °C to }+85\text{ °C}$
Terminating source impedance:	$Z_S = 50\ \Omega$
Terminating load impedance:	$Z_L = 50\ \Omega$ (balanced)

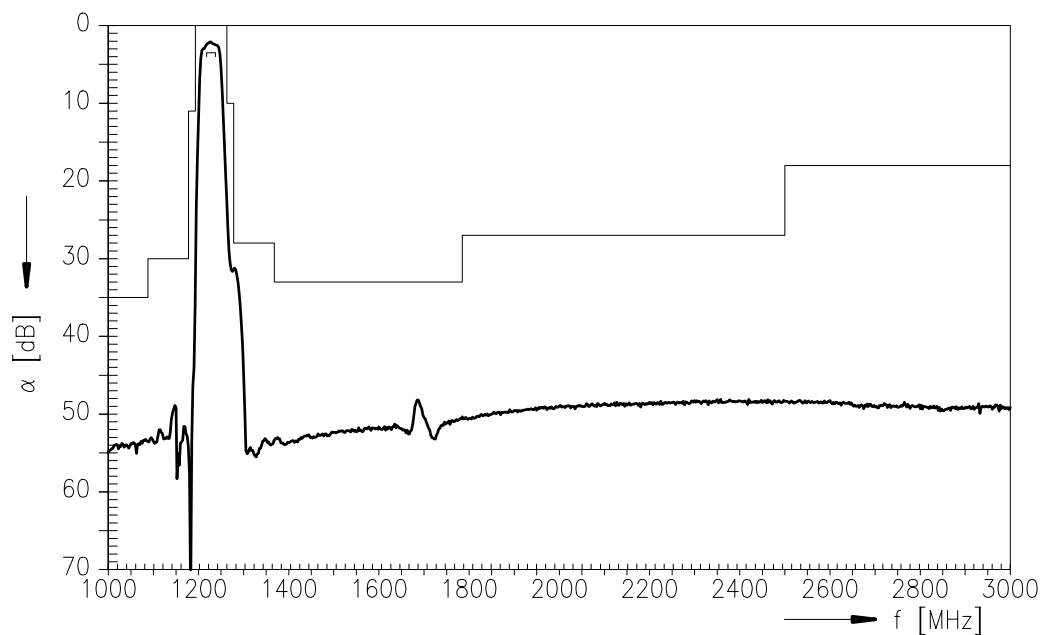
				min.	typ.	max.	
Center frequency		f_c		—	1228,0	—	MHz
Maximum insertion attenuation	1218,0 ... 1238,0	α_{\max}	MHz	—	3,0	3,5	dB
Amplitude ripple (p-p)	1218,0 ... 1238,0	$\Delta\alpha$	MHz	—	1,0	1,5	dB
Absolute attenuation		α					
	0,0 ... 1088,0		MHz	35,0	53,0	—	dB
	1088,0 ... 1178,0		MHz	30,0	48,0	—	dB
	1178,0 ... 1193,0		MHz	11,0	30,0	—	dB
	1263,0 ... 1278,0		MHz	10,0	23,0	—	dB
	1278,0 ... 1368,0		MHz	28,0	31,0	—	dB
	1368,0 ... 1785,0		MHz	33,0	48,0	—	dB
	1785,0 ... 2500,0		MHz	27,0	48,0	—	dB
	2500,0 ... 4000,0		MHz	18,0	28,0	—	dB



Transfer function



Transfer function (wide band)



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The information describes the type of component and shall not be considered as assured characteristics.

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Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our sales offices.

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