

## Common mode Noise Filter Array

Type: **EXC18CG**

**EXC18CE**



### ■ Features

- 2 Common mode noise filters in one package
- Small size and low-profile  
(L 1.6 mm×W 0.8 mm×H 0.4 mm)
- Filtering the noise of high-speed differential signaling lines and minimizing deformations of transmitted signal waveforms
- Low DC resistance and insertion loss
- High-Q filters with high impedance at around 1 GHz  
: CG type
- Rigidly layered and sintered structure with high resistance to reflow heat and mounting reliability
- Lead, halogen, and antimony free
- RoHS compliant

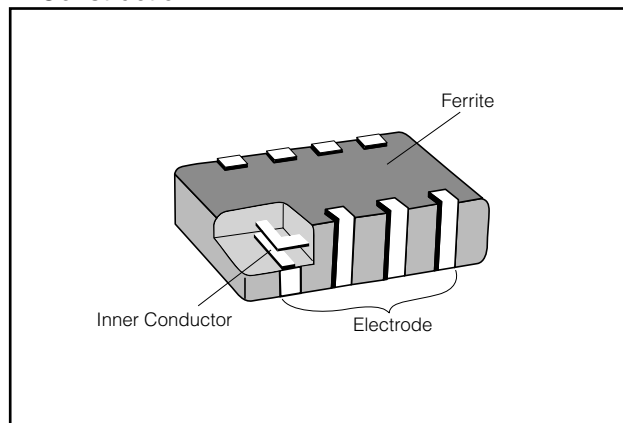
### ■ Recommended Applications

- Mobile phone, DSC, notebook PCs and Digital displays
- Noise suppression of high-speed data lines such as USB, LVDS and HDMI lines

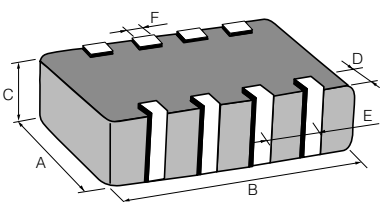
### ■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	1	8	C	E	9	0	0	U	
Product Code			Size	Number of Terminals	Type	Characteristics	Nominal Impedance			Form	Suffix
Noise Filter	Code	Dimensions(mm)	8 Terminals	C	Coupled type	E High speed Differential transmission G High-Q type	The first two digits are significant figure of impedance value, and the third one denotes the number of zeros following			Code	Packing
	1	1.6 × 0.8 × 0.4 (L) × (W) × (H)								U	Embossed Carrier Taping 4 mm pitch, 5,000 pcs.

### ■ Construction



### ■ Dimensions in mm (not to scale)



Type (inch size)	Dimensions (mm)						Mass (Weight) [mg/pc.]
	A	B	C	D	E	F	
EXC18CG/CE (0603)	0.8±0.1	1.6±0.1	0.4±0.1	0.2±0.1	0.4±0.1	0.2±0.1	2.6

### ■ Circuit Configuration(No Polarity)

