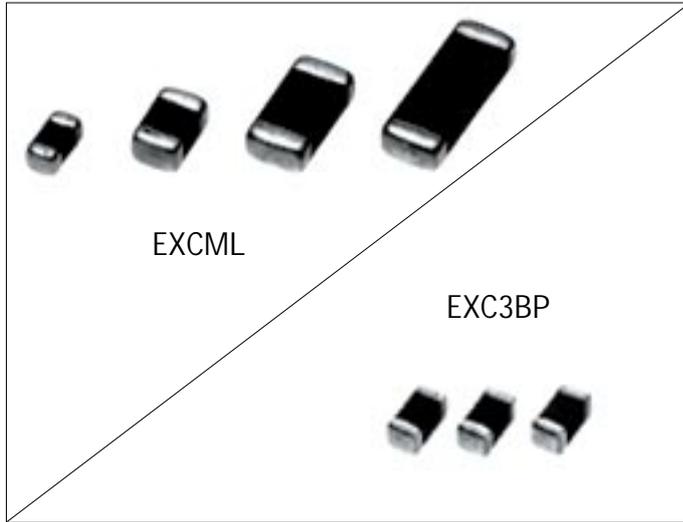


Using breakthrough technology,  
we aim for products that will create new markets.

# New Product News

Commodity range expansion

## The best for the noise of the power supply line



### Noise Suppression Filter

#### Chip Bead Core for Power Line

Industry/Field: AV, OA/Information, Mobile communication, Automotive electronics, Home appliances, Industrial equipment, Amusement, Electronic instruments

• **Development goals:**

It is good in stock as for 0603, 1206, 1806 size in additions to 0806 size to correspond to the noise removals of power supply line of various digital equipments

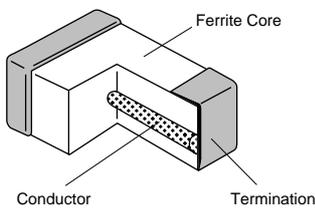
• **Features:**

- ① Low D.C.R by an original internal conductor design in achieved
- ② The noise of high frequency is an effect according to an original internal structure
- ③ Excellent frequency characteristics on DC current (Type EXC3BP)

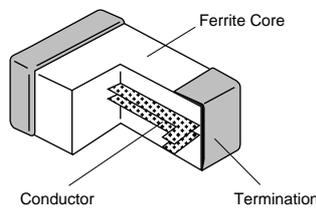
• **Number of industrial property rights: 10**

• **Construction:**

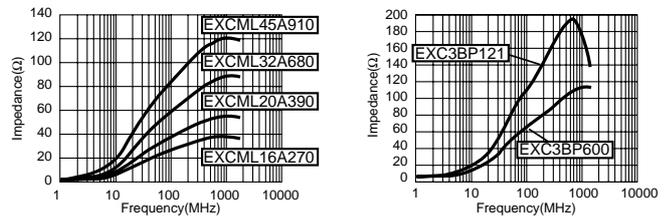
Type EXCML



Type EXC3BP



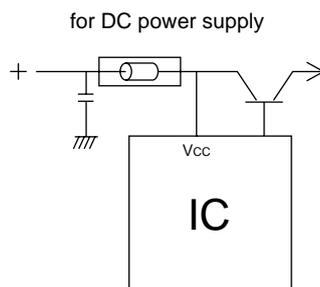
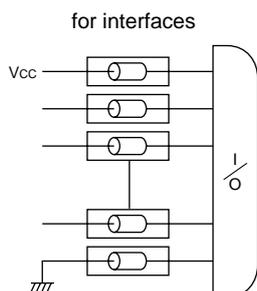
• **Characteristics/specifications:**



Size	Part numbers	Impedance(Ω) ±25% at 100MHz	Rated Current (A)	DCR(mΩ) MAX.
1608	EXC3BP600	60	1.0	70
	EXC3BP121	120	0.5	100
	EXCML16A270	27	4.0	6
2012	EXCML20A390	39	4	8
3216	EXCML32A680	68	3	12
4516	EXCML45A910	91	3	16

• **Applications/usage examples:**

- HDD
- PC
- USB Circuit



• **Explanation of part numbers:**

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	M	L	4	5	A	9	1	0	U
Product Code			Type		Size	Material		Nominal  Z	Packaging		
1	2	3	4	5	6	7	8	9	10		
E	X	C	3	B	P	1	2	1	H		
Product Code			Type	Partkind	Nominal  Z		Packaging				