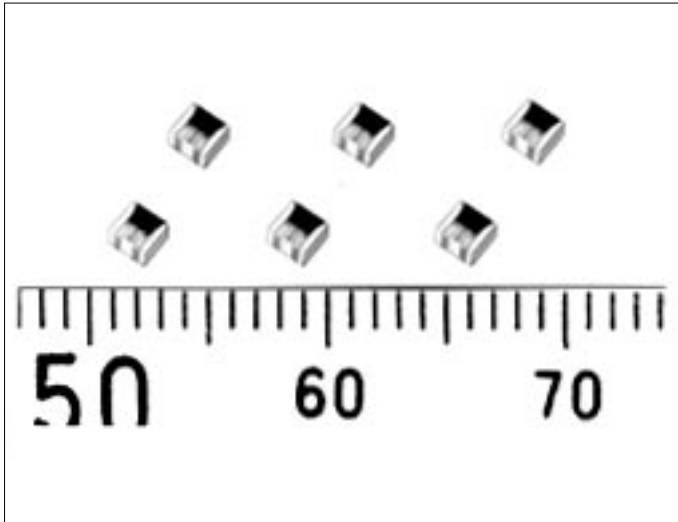


Using breakthrough technology,
we aim for products that will create new markets.

New Product News

Enhanced Production Line Up

Low wave distortion & high attenuation characteristics



EMI Filters

2012 Coil type EMI Filters

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

• Development Target:

For taking measures against great demand of EMI filters that is superior to beads Filter for rapid attenuation characteristics, as a consequence of development of high speed computer and digital video equipment.

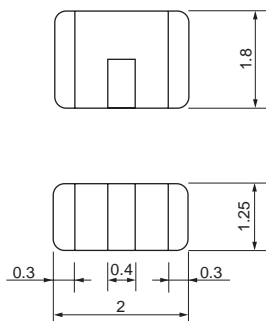
• Features:

- ① Little distortion of pulse signal by sharp attenuation characteristics
- ② Good noise reduction by large attenuation characteristics
- ③ Small size, applicable for automatic mounting and re-flow soldering

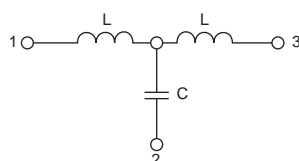
• Number of industrial property rights: Patents 4(pending)

• Structure:

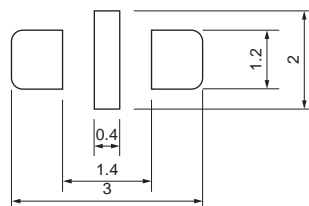
■ Construction



■ Equivalent Circuit

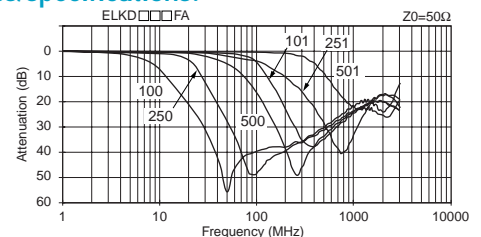


■ Recommended land pattern

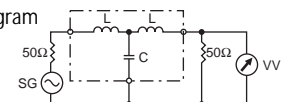


• Characteristics/specifications:

■ Performance Characteristics



● Test Circuit Diagram



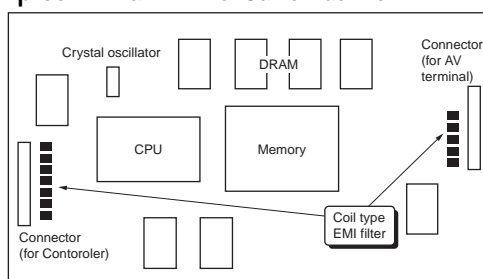
■ Performance Specification

Cut off Freq. (fc)	Part No.	Rated Voltage	Rated Current	Operating Temperature
10MHz	ELKD100FA	15V max.	0.1A max.	-20 to +85°C
25MHz	ELKD250FA			
50MHz	ELKD500FA			
100MHz	ELKD101FA			
250MHz	ELKD251FA			
500MHz	ELKD501FA			

• Applications/usage examples:

- PC • Digital TV • HDTV • DVD • Cellular phone
- Game machine • Electronic musical instrument

• Usage examples Main PWB of Game Machine



• Explanation of part numbers:

1	2	3	4	5	6	7	8	9
E	L	K	D	1	0	0	F	A
Products Code			Type	Cut off Frequency		Packaging Design No.		