

## FI SERIES (Multilayer Ferrite Chip Bead-High Current)

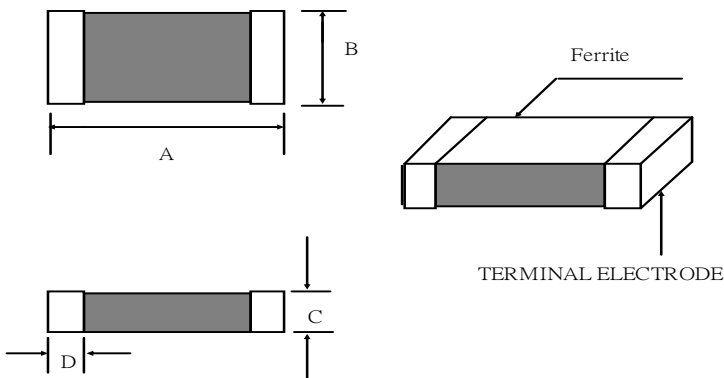
### ●FEATURE

1. Used on high current circuits due to its low
2. High reliability due to an entirely monolithic structure
3. Low DC resistance structure of electrode prevents wasteful electric power consumption
4. Suppress EMI/RFI and to prevent self-oscillation in electronic products

### ●Applications

1. Hard drives, Monitors
2. Circuit where a stable ground is unavailable

### ●Shape and Dimension



### ●Specification

Dimension in m/m(in inches)

TYPE	A	B	C	D
100505(0402)	1.0±0.10(0.039±0.004)	0.50±0.10(0.019±0.004)	0.50±0.10(0.019±0.004)	0.2±0.10
160808(0603)	1.6±0.20(0.063±0.008)	0.80±0.20(0.031±0.008)	0.80±0.20(0.031±0.008)	0.5±0.30
201209(0805)	2.0±0.20(0.079±0.008)	1.25±0.20(0.049±0.008)	0.90±0.20(0.035±0.008)	0.5±0.30

Note1: Test equipment: HP 4291A Impedance analyzer

## ●Electrical characteristics

Part Number	Impedance( $\Omega$ ) $\pm 25\%$ at 100MHz	DC Resistance( $\Omega$ )Max	Rated Current (mA) Max
FI100505U100-2A	10	0.05	2000
FI100505U300-2A	30	0.15	2000
FI100505U600-1A	60	0.35	1000
FI100505U101-1A	100	0.20	1000
FI100505U121-1A	120	0.25	1000
FI100505U221-0.5A	220	0.40	500
FI100505U301-0.3A	300	0.50	300
FI100505U601-0.2A	600	0.80	200
FI100505U102-0.2A	1000	1.20	200
FI160808U300-3A	30	0.04	3000
FI160808U600-3A	60	0.05	3000
FI160808U800-3A	80	0.05	3000
FI160808U121-3A	120	0.10	3000
FI160808U151-3A	150	0.10	3000
FI160808U221-3A	220	0.10	3000
FI160808U301-3A	300	0.20	3000
FI160808U471-3A	470	0.20	3000
FI160808U601-3A	600	0.20	3000
FI201209U110-3A	11	0.03	3000
FI201209U310-3A	31	0.04	3000
FI201209U470-3A	47	0.04	3000
FI201209U520-3A	52	0.04	3000
FI201209U600-3A	60	0.04	3000
FI201209U800-3A	80	0.04	3000
FI201209U121-3A	120	0.05	3000
FI201209U301-3A	300	0.05	3000
FI201209U601-1A	600	0.30	1000
FI201209U102-1A	1000	0.30	1000