



● FEATURE

1. High current and multiple size availability
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



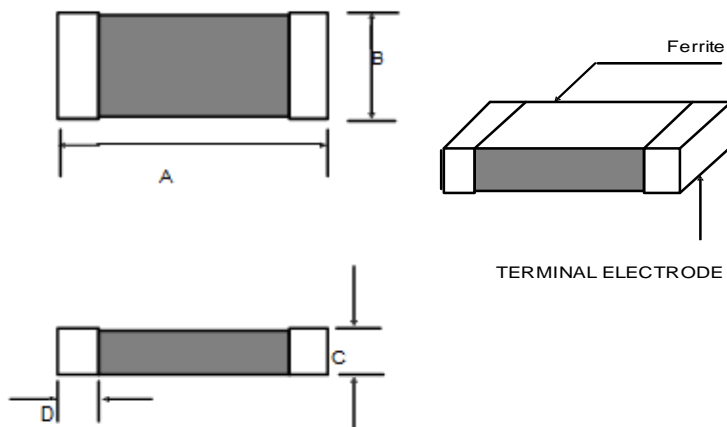
● APPLICATION

1. Hard drives, portable equipment
2. Monitors, modem, PCs
3. CD-ROM, Printers

● ORDERING INFORMATION

FBP160808    U    300    -    3A  
 PN            Material    Impedance(Ω)    Current

● SHAPE AND DIMENSION



● SPECIFICATION

Dimension in mm(in inches)

TYPE	A	B	C	D
100505(0402)	1.0±0.10(0.039±0.004)	0.50±0.10(0.020±0.004)	0.5±0.10(0.020±0.004)	0.2±0.10
160808(0603)	1.6±0.15(0.063±0.006)	0.80±0.15(0.031±0.006)	0.8±0.15(0.031±0.006)	0.5±0.30
201209(0805)	2.0±0.20(0.079±0.008)	1.25±0.20(0.049±0.008)	0.9±0.20(0.035±0.008)	0.5±0.30
321611(1206)	3.2±0.20(0.126±0.008)	1.60±0.20(0.063±0.008)	1.1±0.20(0.043±0.008)	0.7±0.30
322513(1210)	3.2±0.20(0.126±0.008)	2.50±0.20(0.098±0.008)	1.3±0.20(0.051±0.008)	0.8±0.30
451616(1806)	4.5±0.20(0.177±0.008)	1.60±0.20(0.063±0.008)	1.6±0.20(0.063±0.008)	0.8±0.30
453215(1812)	4.5±0.20(0.177±0.008)	3.20±0.20(0.126±0.008)	1.5±0.20(0.042±0.008)	0.8±0.30

Note: Test equipment: HP 4291A Impedance analyzer



●ELECTRICAL CHARACTERISTICS

PART NUMBER	Impedance( $\Omega$ ) $\pm 25\%$ at 100MHz	DC Resistance( $\Omega$ )Max	Rated Current (mA) Max
FBP100505U100-2A	10	0.05	2000
FBP100505U600-0.3A	60	0.40	300
FBP100505U121-2A	120	0.15	2000
FBP100505U221-0.7A	220	0.40	700
FBP100505U221-1A	220	0.40	1000
FBP100505U601-0.3A	600	0.60	300
FBP100505U601-0.5A	600	0.60	500
FBP100505U102-0.25A	1000	1.50	250
FBP100505U102-0.3A	1000	1.20	300
FBP100505U102-0.5A	1000	1.20	500
FBP160808U100-4A	10	0.03	4000
FBP160808U300-1A	30	0.04	1000
FBP160808U300-3A	30	0.04	3000
FBP160808U600-3A	60	0.05	3000
FBP160808U680-1A	68	0.10	1000
FBP160808U121-1A	120	0.05	1000
FBP160808U121-2A	120	0.10	2000
FBP160808U121-2.5A	120	0.10	2500
FBP160808U121-3A	120	0.04	3000
FBP160808U271-1.2A	270	0.45	1200
FBP160808U601-1A	600	0.30	1000
FBP160808U601-2A	600	0.30	2000



<b>PART NUMBER</b>	<b>Impedance(<math>\Omega</math>) <math>\pm 25\%</math> at 100MHz</b>	<b>DC Resistance(<math>\Omega</math>)Max</b>	<b>Rated Current (mA) Max</b>
FBP201209U110-3A	11	0.03	3000
FBP201209U170-3A	17	0.03	3000
FBP201209U300-3A	30	0.03	3000
FBP201209U300-5A	30	0.04	5000
FBP201209U310-3A	31	0.03	3000
FBP201209U320-3A	32	0.03	3000
FBP201209U470-3A	47	0.03	3000
FBP201209U520-3A	52	0.03	3000
FBP201209U600-3A	60	0.04	3000
FBP201209U800-3A	80	0.04	3000
FBP201209U121-3A	120	0.05	3000
FBP201209U121-5A	120	0.10	5000
FBP201209U301-1A	300	0.20	1000
FBP201209U301-3A	300	0.05	3000
FBP201209U601-1A	600	0.30	1000
FBP201209U102-1A	1000	0.30	1000



<b>PART NUMBER</b>	<b>Impedance(<math>\Omega</math>) <math>\pm 25\%</math> at 100MHz</b>	<b>DC Resistance(<math>\Omega</math>)Max</b>	<b>Rated Current (mA) Max</b>
FBP321611U310-3A	31	0.03	3000
FBP321611U520-3A	52	0.03	3000
FBP321611U600-1.5A	60	0.03	1500
FBP321611U600-3A	60	0.03	3000
FBP321611U700-3A	70	0.04	3000
FBP321611U101-2A	100	0.04	3000
FBP321611U151-3A	150	0.05	3000
FBP321611U301-3A	300	0.06	3000
FBP321611U601-1A	600	0.30	1000
FBP321611U601-1.5A	600	0.09	1500
FBP321611U601-3A	600	0.10	3000
FBP321611U102-1A	1000	0.30	1000
FBP451616U600-3A	60	0.04	3000
FBP451616U800-3A	80	0.04	3000
FBP451616U101-3A	100	0.04	3000
FBP451616U601-3A	600	0.06	3000
FBP451616U851	850(at 50 MHz)	0.10	1500
FBP453215U121	120	0.04	3000
FBP453215U151	150	0.04	3000
FBP453215U132	1300(at 30 MHz)	0.06	3000