●FEATURE

1. Small size chips generating high impedance
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

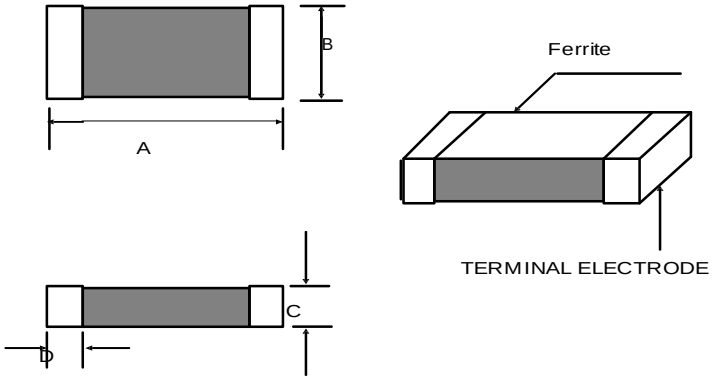
●APPLICATION

1. Cellular phones, Digital communication equipment
2. Circuit where a stable ground is unavailable

●ORDERING INFORMATION

FBA100505	U	100
PN	Material	Impedance(Ω)

●Shape and Dimension



●SPECIFICATION

Dimension in mm(in inches)

TYPE	A	B	C	D
100505(0402)	1.0±0.05(0.040±0.002)	0.50±0.05(0.020±0.002)	0.5±0.05(0.020±0.002)	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

Note: Test equipment: HP 4291A Impedance analyzer

●ELECTRICAL CHARACTERISTICS

PART NUMBER	Impedance(Ω) ±25% at 100MHz	DC Resistance(Ω)Max	Rated Current (mA)Max
FBA100505U100	10	0.05	500
FBA100505U200	20	0.20	300
FBA100505U300	30	0.20	300
FBA100505U600	60	0.40	200
FBA100505U121	120	0.50	200
FBA100505U301	300	0.75	100
FBA100505U601	600	1.10	50
FBA100505U102	1000	1.50	50
FBA160808U190	19	0.10	400
FBA160808U310	31	0.10	400
FBA160808U400	40	0.15	400
FBA160808U520	52	0.15	400
FBA160808U600	60	0.15	400
FBA160808U800	80	0.15	500
FBA160808U101	100	0.15	400
FBA160808U121	120	0.15	400
FBA160808U151	150	0.15	400
FBA160808U181	180	0.20	400
FBA160808U201	200	0.20	400
FBA160808U221	220	0.20	400
FBA160808U301	300	0.30	400
FBA160808U401	400	0.30	400
FBA160808U451	450	0.30	400
FBA160808U601	600	0.35	400
FBA160808U601-0.5A	600	0.35	500
FBA160808U751	750	0.35	400
FBA160808U102	1000	0.55	300
FBA160808U152	1500	1.00	200
FBA201209U070	7	0.10	300
FBA201209U110	11	0.10	300
FBA201209U170	17	0.10	300
FBA201209U260	26	0.10	300
FBA201209U310	31	0.10	300
FBA201209U520	52	0.15	300
FBA201209U600	60	0.15	300
FBA201209U800	80	0.15	300

PART NUMBER	Impedance(Ω) ±25% at 100MHz	DC Resistance(Ω)Max	Rated Current (mA) Max
FBA201209U101	100	0.20	300
FBA201209U121	120	0.20	300
FBA201209U151	150	0.20	300
FBA201209U221	220	0.25	300
FBA201209U301	300	0.25	300
FBA201209U401	400	0.30	300
FBA201209U601	600	0.35	300
FBA201209U102	1000	0.45	300
FBA201209U102-0.5A	1000	0.45	500
FBA201209U152	1500	0.70	300
FBA201209U222	2200	0.80	200
FBA321611U190	19	0.10	800
FBA321611U260	26	0.10	800
FBA321611U310	31	0.10	800
FBA321611U520	52	0.15	800
FBA321611U600	60	0.15	500
FBA321611U700	70	0.15	500
FBA321611U101	100	0.20	450
FBA321611U121	120	0.20	450
FBA321611U151	150	0.20	450
FBA321611U301	300	0.20	350
FBA321611U401	400	0.25	350
FBA321611U601	600	0.25	350
FBA321611U601-0.4A	600	0.35	400
FBA321611U751	750	0.30	350
FBA321611U102	1000	0.35	350
FBA321611U152	1500	0.40	350
FBA321611U182	1800	0.40	350
FBA322513U310	31	0.10	500
FBA322513U520	52	0.30	400
FBA322513U600	60	0.10	400