

BFF100505 Series

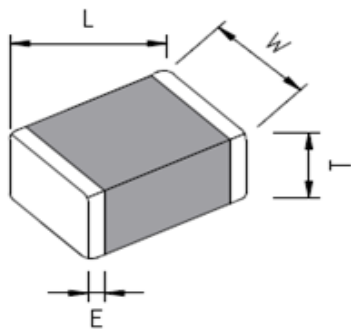
Features :

- The BFF series is similar to BF series at frequency below 100MHz. How ever at 1GHz, the impedance is 3 times larger.
- The BFF series is intended for high speed signal lines as this series provides significant impedance across a broad frequency range. Therefore this series is ideal for high speed signal lines.
- The complete magnetic shielded structure minimizes crosstalk.
- Operating temperature range of -55°C to +125°C
- Storage temperature range of -40°C to +85°C

Applications :

- Circuit where a stable ground is unavailable.
- Various automotive electronics, various electronic equipment, digital communication equipment.
- Mother board, tablet PC, laptop, desktop computer and peripheral equipment.
- Mobile phone, smart phone, PND.
- This BFF series realize high impedance at 1GHz and is suitable for noise suppression of digital interface from 500MHz to GHz range.

Shapes And Dimensions : (Unit :mm)



L	W	T	E
1.0 ± 0.05	0.5 ± 0.05	0.5 ± 0.05	0.25 ± 0.1

Part Number Code :

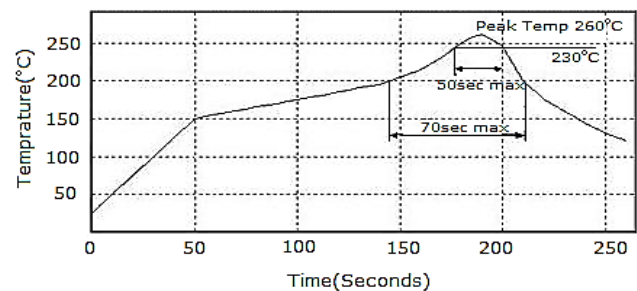
BFF 100505 A 600 -E

① ② ③ ④ ⑤

- 1 : Series
- 2 : Dimensions L x W x T
- 3 : Material Code
- 4 : Normal Impedance
- 5 : Lead-Free

Reflow Profile :

Peak Temp : 260°C
Max time above 230°C 50sec
Max time above 200°C 70sec



BFF100505 Series

Part No.	Impedance $\Omega \pm 25\%$ @100MHz	Impedance $\Omega \pm 40\%$ @1GHz	DCR(Ω) (max.)	Rated Current (mA) (max.)
BFF100505A201	200	420	0.7	200
BFF100505A221	220	420	0.7	200
BFF100505A301	300	560	0.8	200
BFF100505A331	330	560	0.8	200
BFF100505A471	470	1000	1	100
BFF100505A601	600	1100	1.2	100
BFF100505A102	1000	1700	1.6	100
BFF100505B121	120	300	0.5	300
BFF100505B221	220	500	0.6	300
BFF100505B301	300	800	0.7	300
BFF100505B471	470	1100	0.8	300
BFF100505B601	600	1400	0.85	300
BFF100505H121	120	500	0.7	300
BFF100505H221	220	1500	1	250
BFF100505H301	300	1700	1.25	250
BFF100505H331	330	2000	1.5	200
BFF100505K121	120	300	0.5	300
BFF100505K221	220	500	0.6	300
BFF100505K301	300	800	0.7	300
BFF100505K471	470	1100	0.8	300
BFF100505K601	600	1400	0.85	300