

SMD Power Inductor | BDS-3412C



Features

- Magnetic unshielded structure
- Low DC resistance and high current
- Tape & reel for auto-placement

Recommended Applications

- DC/DC converters for small-sized LCDs
- Mobile phones, PDAs and Mp3 players
- Camera phones, notebooks

Electrical Characteristics

*Electrical specifications are measured at:
20±2 Degree Celsius, Humidity 65±5%
Operating Temperature : -25°C ~ +85°C
Storage Temperature : -30°C ~ +85°C*

Electrical Characteristics

Part Number	Inductance	D.C.R. (max)	Rated Current (max)
BDS-3412C-2R2M	2.2µH ± 20	0.15 (0.11)Ω	1.30 (1.00)A
BDS-3412C-3R3M	3.3µH ± 20	0.25 (0.18)Ω	1.05 (0.90)A
BDS-3412C-4R7M	4.7µH ± 20	0.30 (0.22)Ω	0.95 (0.80)A
BDS-3412C-6R8M	6.8µH ± 20	0.40 (0.28)Ω	0.85 (0.70)A
BDS-3412C-100M	10µH ± 20	0.60 (0.39)Ω	0.70 (0.60)A
BDS-3412C-150M	15µH ± 20	0.80 (0.60)Ω	0.56 (0.50)A
BDS-3412C-220M	22µH ± 20	1.20 (0.82)Ω	0.47 (0.40)A
BDS-3412C-330M	33µH ± 20	2.00 (1.30)Ω	0.35 (0.30)A
BDS-3412C-470M	47µH ± 20	2.50 (2.00)Ω	0.30 (0.25)A
BDS-3412C-680M	68µH ± 20	4.00 (2.50)Ω	0.25 (0.2)A
BDS-3412C-101M	100µH ± 20	6.00 (4.30)Ω	0.20 (0.18)A
BDS-3412C-151M	150µH ± 20	9.00 (6.40)Ω	0.17 (0.15)A
BDS-3412C-221M	220µH ± 20	11.00 (9.30)Ω	0.13 (0.11)A
BDS-3412C-331M	330µH ± 20	18.00 (12.30)Ω	0.10 (0.09)A
BDS-3412C-471M	470µH ± 20	24.00 (18.80)Ω	0.09 (0.08)A

Mechanical Dimensions

