

SMD Power Inductor | BDS-4518C



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 : -40°C ~ +85°C
Storage Temperature : -40°C ~ +90°C*

Electrical Characteristics

Part Number	Inductance	D.C.R. (max)	Rated Current (max)
BDS-4518C-150M	15µH ± 20	0.33Ω	0.900A
BDS-4518C-101M	100µH ± 20	1.60Ω	0.350A
BDS-4518C-151M	150µH ± 20	3.00Ω	0.270A
BDS-4518C-221M	220µH ± 20	3.80Ω	0.250A
BDS-4518C-331M	330µH ± 20	6.00Ω	0.220A
BDS-4518C-471M	470µH ± 20	8.00Ω	0.180A
BDS-4518C-681M	680µH ± 20	11.00Ω	0.150A
BDS-4518C-821M	820µH ± 20	14.00Ω	0.140A
BDS-4518C-102M	1.0mH ± 20	17.00Ω	0.130A
BDS-4518C-152M	1.5mH ± 20	25.00Ω	0.100A
BDS-4518C-222M	2.2mH ± 20	35.00Ω	0.080A
BDS-4518C-332M	3.3mH ± 20	50.00Ω	0.065A
BDS-4518C-472M	4.7mH ± 20	75.00Ω	0.055A
BDS-4518C-682M	6.8mH ± 20	100.00Ω	0.045A

Mechanical Dimensions

