

SMD Power Inductor | BDS-8520C



Features

- Surface mountable device with low profile
- Excellent performance & cost-effective
- 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 : -30°C ~ +70°C
Storage Temperature : -40°C ~ +85°C*

Electrical Characteristics

Part Number	Inductance	D.C.R. (max)	Rated Current (max)
BDS-8520C-2R2M	2.2µH ± 20	0.10Ω	3.0A
BDS-8520C-4R7M	4.7µH ± 20	0.12Ω	2.7A
BDS-8520C-6R8M	6.8µH ± 20	0.15Ω	2.4A
BDS-8520C-8R2M	8.2µH ± 20	0.18Ω	2.2A
BDS-8520C-100M	10µH ± 20	0.20Ω	2.0A
BDS-8520C-150M	15µH ± 20	0.25Ω	1.7A
BDS-8520C-220M	22µH ± 20	0.35Ω	1.5A
BDS-8520C-330M	33µH ± 20	0.50Ω	1.3A
BDS-8520C-470M	47µH ± 20	0.60Ω	1.2A
BDS-8520C-680M	68µH ± 20	0.90Ω	1.0A
BDS-8520C-820M	82µH ± 20	1.20Ω	0.7A
BDS-8520C-101M	100µH ± 20	1.50Ω	0.5A

Mechanical Dimensions

