

SMD Power Inductor | BDS-4020D

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-4020D-1R0M	1.0µH ± 20	0.05Ω	2.90A
BDS-4020D-2R2M	2.2µH ± 20	0.075Ω	2.10A
BDS-4020D-3R3M	3.3µH ± 20	0.085Ω	1.70A
BDS-4020D-4R7M	4.7µH ± 20	0.11Ω	1.40A
BDS-4020D-6R8M	6.8µH ± 20	0.14Ω	1.20A
BDS-4020D-100M	10µH ± 20	0.16Ω	1.00A
BDS-4020D-150M	15µH ± 20	0.25Ω	0.80A
BDS-4020D-220M	22µH ± 20	0.37Ω	0.68A
BDS-4020D-330M	33µH ± 20	0.51Ω	0.54A
BDS-4020D-470M	47µH ± 20	0.70Ω	0.50A
BDS-4020D-680M	68µH ± 20	1.10Ω	0.38A
BDS-4020D-101M	100µH ± 20	1.70Ω	0.30A
BDS-4020D-151M	150µH ± 20	2.30Ω	0.25A
BDS-4020D-221M	220µH ± 20	3.40Ω	0.20A
BDS-4020D-331M	330µH ± 20	4.70Ω	0.17A
BDS-4020D-471M	470µH ± 20	8.80Ω	0.14A
BDS-4020D-681M	680µH ± 20	14Ω	0.12A
BDS-4020D-102M	1.0mH ± 20	18Ω	0.09A
BDS-4020D-472M	4.7mH ± 20	80Ω	0.05A

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► **Mechanical Dimensions**

