

SMD Power Inductor | BDS-4627E

Features

- Magnetic shielded structure
- Low DC resistance & High inductance
- Tape & reel for auto-placement

Recommended Applications

- DC/DC converters, notebooks
- VDSL, car navigations, LCD televisions
- DVD recorders, projectors, set top boxes

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-4627E-1R2M	1.2µH ± 20	0.031Ω	2.56A
BDS-4627E-1R8M	1.8µH ± 20	0.033Ω	2.20A
BDS-4627E-2R2M	2.2µH ± 20	0.038Ω	2.00A
BDS-4627E-2R7M	2.7µH ± 20	0.043Ω	1.60A
BDS-4627E-3R3M	3.3µH ± 20	0.050Ω	1.50A
BDS-4627E-3R9M	3.9µH ± 20	0.060Ω	1.55A
BDS-4627E-4R7M	4.7µH ± 20	0.080Ω	1.45A
BDS-4627E-5R6M	5.6µH ± 20	0.090Ω	1.20A
BDS-4627E-6R8M	6.8µH ± 20	0.100Ω	1.15A
BDS-4627E-8R2M	8.2µH ± 20	0.110Ω	1.05A
BDS-4627E-100M	10µH ± 20	0.120Ω	0.95A
BDS-4627E-120M	12µH ± 20	0.130Ω	0.82A
BDS-4627E-150M	15µH ± 20	0.140Ω	0.75A
BDS-4627E-180M	18µH ± 20	0.170Ω	0.68A
BDS-4627E-220M	22µH ± 20	0.200Ω	0.65A
BDS-4627E-270M	27µH ± 20	0.220Ω	0.55A
BDS-4627E-330M	33µH ± 20	0.280Ω	0.50A
BDS-4627E-390M	39µH ± 20	0.350Ω	0.45A
BDS-4627E-470M	47µH ± 20	0.450Ω	0.40A
BDS-4627E-560M	56µH ± 20	0.500Ω	0.38A
BDS-4627E-680M	68µH ± 20	0.600Ω	0.36A
BDS-4627E-820M	82µH ± 20	0.750Ω	0.32A
BDS-4627E-101M	100µH ± 20	0.850Ω	0.28A
BDS-4627E-121M	120µH ± 20	1.200Ω	0.25A
BDS-4627E-151M	150µH ± 20	1.300Ω	0.23A
BDS-4627E-181M	180µH ± 20	1.600Ω	0.20A

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► **Mechanical Dimensions**

