

**SMD Power Inductor | BDS-4617E**



**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 -4617E-1R0M	1.0µH ± 20	0.045Ω	1.72A
BDS -4617E-2R2M	2.2µH ± 20	0.055Ω	1.32A
BDS -4617E-2R7M	2.7µH ± 20	0.065Ω	1.28A
BDS -4617E-3R3M	3.3µH ± 20	0.075Ω	1.04A
BDS -4617E-3R9M	3.9µH ± 20	0.085Ω	0.88A
BDS -4617E-4R7M	4.7µH ± 20	0.090Ω	0.84A
BDS -4617E-5R6M	5.6µH ± 20	0.095Ω	0.80A
BDS -4617E-6R8M	6.8µH ± 20	0.11Ω	0.76A
BDS -4617E-8R2M	8.2µH ± 20	0.13Ω	0.68A
BDS -4617E-100M	10µH ± 20	0.17Ω	0.60A
BDS -4617E-120M	12µH ± 20	0.20Ω	0.56A
BDS -4617E-150M	15µH ± 20	0.23Ω	0.50A
BDS -4617E-180M	18µH ± 20	0.25Ω	0.48A
BDS -4617E-220M	22µH ± 20	0.35Ω	0.40A
BDS -4617E-270M	27µH ± 20	0.43Ω	0.35A
BDS -4617E-330M	33µH ± 20	0.65Ω	0.32A
BDS -4617E-390M	39µH ± 20	0.70Ω	0.30A

**Mechanical Dimensions**

