

Type BLH, DC Link Capacitors for Harsh Environments

85 °C / 85% RH , 1500h @ Vr, AEC-Q200 Qualified

Type BLH DC Link capacitors use the most advanced construction and technology to meet the challenges of harsh environments. Tested for 1,500-hour at 85 °C / 85% relative humidity with rated voltage applied (50% greater than competitive THB test life). The series is qualified to automotive-grade electrical and mechanical testing per standard AEC-Q200.

Highlights

- Optimized for inverter DC Link Applications
- High capacitance
- High ripple current up to 36 Arms
- Self-healing and low loss
- THB 85 °C / 85 % RH, 1500h at rated voltage
- UL Listed
- AEC-Q200 Qualified

Specifications

Capacitance Range	1 μ F to 170 μ F
Capacitance Tolerance	+/- 10% standard, +/- 5% optional
Voltage Range	450 Vdc to 1200 Vdc
Operating Temperature	-40 °C to +105 °C
Life Expectancy	100,000h @ 70 °C hot spot, rated voltage
THB Rating	85 °C / 85 % RH - rated voltage - 1500 h



Typical Applications

DC Link for solar, EV, and other inverters that are subjected to the harshest environmental conditions, backup, UPS, portable power systems, motor drives, traction and other transportation systems.



<https://www.cde.com/new-product/blh>



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