

Type ALH, AC Filter Capacitors for Harsh Environments

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

Type ALH AC harmonic filter capacitors use the most advanced construction technology to meet the challenges of harsh environments. The series offers 50% greater life than competitive 85/85 THB-rated power film capacitors with designs that pass the rigors of automotive-grade electrical and mechanical testing.

Highlights

- Optimized AC Voltage performance
- THB 85 °C / 85 % RH, 1500h at rated voltage
- Harmonic filtering on the input and output of inverter circuits
- Self-healing and low loss
- Suitable for high frequency applications
- UL Listed, AEC-Q200 Qualified

Specifications

Capacitance Range	0.22 μ F to 50 μ F
Capacitance Tolerance	+/- 10% standard, +/- 5% optional
Voltage Range	160 Vac to 450 Vac
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

Solar, EV, and other inverters that are subjected to the harshest natural environmental conditions, Backup, UPS, portable power systems, Motor drives, Traction and other transportation systems, AC-tuned harmonic reduction filters



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



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