

# HM72L Series — Power Inductors



## Fast Facts

### Features:

- -55°C to 125°C Operation
- 44 Amps Max. Current
- High Frequency Performance
- Low Core Loss
- Magnetically Shielded



### Description:

HM72L series molded inductors are designed with the latest composite molded core materials to maximize inductance, temperature performance and higher rated current while minimizing DC resistance and physical size. The result is a compact, surface mount component that operates in demanding environments with saturation currents up to 60 amps. Is mechanically robust, magnetically shielded and resists corrosion in humid environments.

The HM72L series has been designed with operating temperature range from -55° C to +125° C. It is ideal for high power density applications where size is critical. HM72L series offer for high efficiency DC-DC converters using high switching frequencies circuit as well as DC input to filtered DC output in high temperature environments, molded inductors deliver clean power in a small, lightweight surface mount package. Proven performance and reliability levels that ideal for most power industrial applications circuit.

### Applications:

- Switching power supplies
- EMI/RFI filtering, output chokes
- Power amplifier circuits
- DC/DC converted

### TT Electronics is a global provider of engineered electronics for performance critical applications.

Our magnetic components, under the BI Technologies brand, have been used in numerous applications since we introduced our initial range of wound transformers and inductors to the power conversion market in 1987. Our current range of magnetic components includes both power and signal products. We offer a range of transformers, inductors, and chokes for applications in transportation, industrial, medical, and aerospace/defense fields.

[www.ttelelectronics.com/magnetic-components](http://www.ttelelectronics.com/magnetic-components)  
[magsales@ttelelectronics.com](mailto:magsales@ttelelectronics.com)