Maximum Performance, Minimal Size –
Nanocrystalline CM Chokes

Magnetec

Smaller, Lighter, Stronger: The Future of EMI Filtering

MAGNETEC is redefining EMI suppression with our advanced Nanocrystalline Common Mode Chokes. By harnessing the superior properties of nanocrystalline cores, we deliver industry-leading performance in a significantly smaller and lighter package – outperforming traditional ferrite chokes in efficiency and size

Compact Design

Achieve the same inductance with fewer wire turns, enabling dramatically smaller chokes and freeing up valuable board space for miniaturized designs.

Lightweight Advantage

Reduce system weight with our nanocrystalline chokes – ideal for applications where portability and space efficiency are critical.

Superior High-Frequency Performance:

Lower parasitic capacitance and resistance ensure enhanced EMI suppression and optimal performance at higher frequencies.

Optimized for Stability, Efficiency, and High Current Applications

Superior EMI Suppression

Effectively attenuates common mode noise across a wide frequency range.

High Current Handling

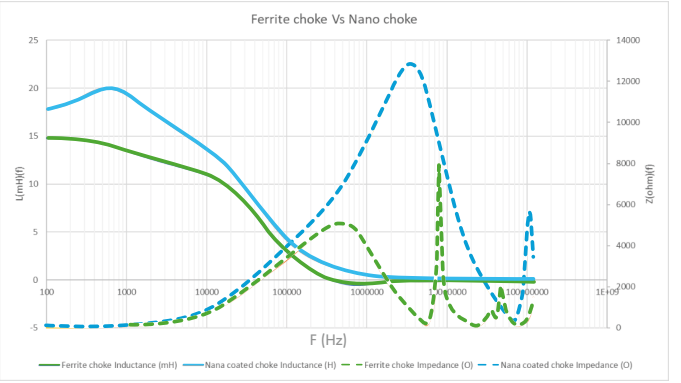
Prevents saturation for reliable performance in demanding applications.

Enhanced Efficiency

Lower core losses reduce heat generation and improve system efficiency.

Exceptional Stability

Consistent performance across a wide temperature range.



Advanced EMI Solutions for Modern Electronics

Compact Power Supplies

Enables smaller, lighter designs for consumer electronics and portable devices.

High-Speed Data Communication

Suppresses high-frequency noise for improved performance in network devices, servers, and data centers.

Automotive Electronics

Minimizes EMI in space-constrained automotive applications, such as EV and HEV components.

Aerospace & Defense

Reduces weight while enhancing performance in critical aerospace applications.

Medical Devices

Ensures reliability and safety by mitigating EMI interference in portable medical equipment.

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