CERGEN

EMC-X Common Mode Chokes

The common mode chokes using the EMC-X seires nanocrystalline cores with the state-of-the-art winding technology meets your highest standard for performance, size, power loss, and even looking. With the "stand winding" technology, the windings are made with rectangular special wires without the need for cutting the core.

Performance Characteristics:

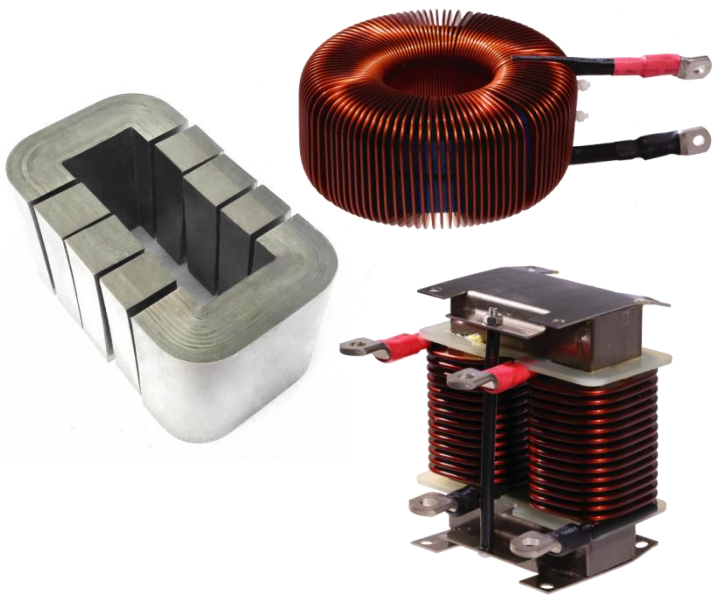
- Significantly expands high-frequency impedance.
- High power and small volume.
- More cost effective than conventional products.
- Suitable for 10-200A current range

Application areas:

- PV inverter
- EV Charging station
- High-power power supply
- PFC, SVG
- Automotive Electronics

Cergen Standard Common Mode Chokes					
P/N	Inorm(A)	Do (mm)	Di (mm)	H (mm)	n. of phases
D3H5112-01	2	30	20	10	3
D2H5113-01	3	12	8	8	2
D3H5114-01	7	20	12,5	8	3
D2L5115-01	10	20	12,5	8	2
D2L5116-01	10	25	16	10	2
D2H5117-01	15	27	17	10	2
D2L5118-01	16	25	16	10	2
D2L5119-01	20	35	19	15	2

Nanocrystalline Powder and Cutted Cores and Inductors



Performance Characteristics:

- Low loss core - Reduce temperature rise
- Low loss core - Reduce power loss
- Wide temperature range: -50 - 130°C
- Standing wires for good heat dissipation
- Rectangular or circular shapes provide more winding possibilities
- Excellent resistance to biased DC current
- Simple structure and easy installation

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