



Inductive Components

Inductive Components for

- Hybrid and electric vehicles
- Renewable energies
- EMI filters
- Power inverters
- Drive units
- Power supplies

Core Competences

Technological

- Development of materials and components
- State-of-art development and production equipment
- Possibility of producing a wide range of dimensionally and technologically pretentious products
- Manufacture of cores under the compression molding or the injection molding procedure

Organizational

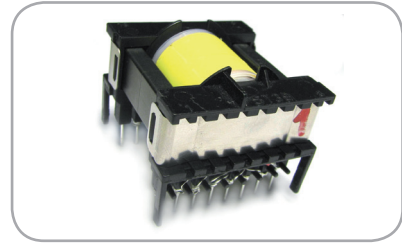
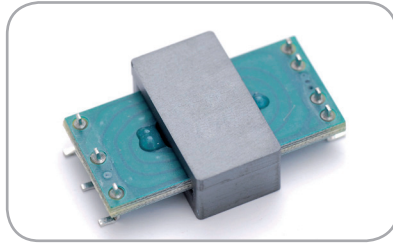
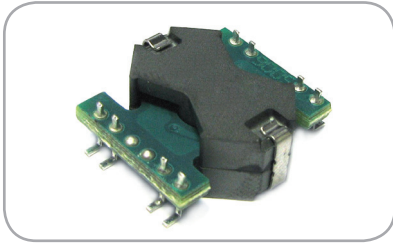
- 60 years of experience in the field of soft magnetic materials and inductive components
- Professional and experienced staff
- Certified management systems (ISO 9001, ISO 14000)
- Cooperation with customers in development projects

Advantages

- Production flexibility (small- and large-series production)
- Production site in Europe

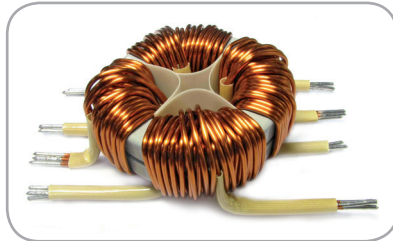
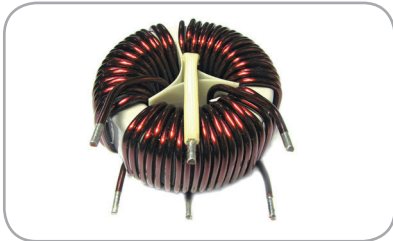
Power

- transformers for all SMPS topologies, including planar versions
- output (storage) and PFC chokes



Filtering

- Single and multi-phase common-mode chokes
- Wide band suppression chokes



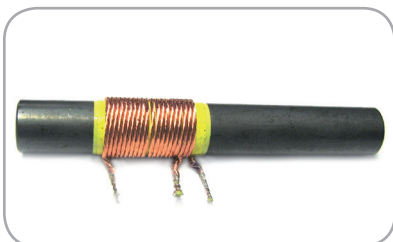
Sensors

- Proximity switches and coin detectors
- Current transformers



Others

- Antennas
- Wireless power transmitter



Applications table

APPLICATION	PROPERTIES	MATERIALS	AVAILABLE SHAPES
Common mode chokes	Very high μ , low losses	19G, 22G, 23G, 12G, 32G, 45G	toroids, U, E
Power choke coils	High saturation	27G, 55G, 75G	U, Eplanar, ER, custom design shapes
Filter inductors	High Q, high temperature & time stability	10G, 16G, 26G	RM, Pot
Power inductors	low power losses, high saturation	15G, 35G, 45G, 65G, 55G, 75G	toroids, E, ETD, ER, U, RM, RMLP, PQ, Eplanar, Pot
Power transformers	low power losses, high saturation	15G, 25G, 27G, 35G, 45G, 55G, 65G, 75G	E, ETD, EFD, ER, RM, RMLP, Pot, PQ, toroids, Eplanar
xDSL transformers	Very high μ , low THD	12G, 32G	EP, EPX, RM, ER, Pot
Wideband transformers	Very high μ	19G, 22G, 12G, 32G	RM, Pot, E, EFD, ETD, EP, toroids
Proximity switches	High Q and high temperature stability	10G, 16G, 19G	Pot, custom design shapes
Radio-frequency transformers	low losses, high frequency range	2E, 1F, 2C	toroids, double aperture cores
Inductors in resonant circuit and open filters	low losses, high frequency range	1F, 2C, 10G	rods, tubes, custom design shapes
EMI Suppression	High Impedance	1F, 16G, 22G	toroids, double aperture cores, custom design shapes, sample kit