Transformer And Inductor Catalogue

PA international

General Information

PA can provide customer OEM/ODM services including:

- High Frequency Transformer
- Low Frequency Transformer
- New Energy Transformer and Inductor
- Inductor

Our transformer and inductor products were widely used in computer, network, industrial control, medical equipment, electronic devices and automotive industries.

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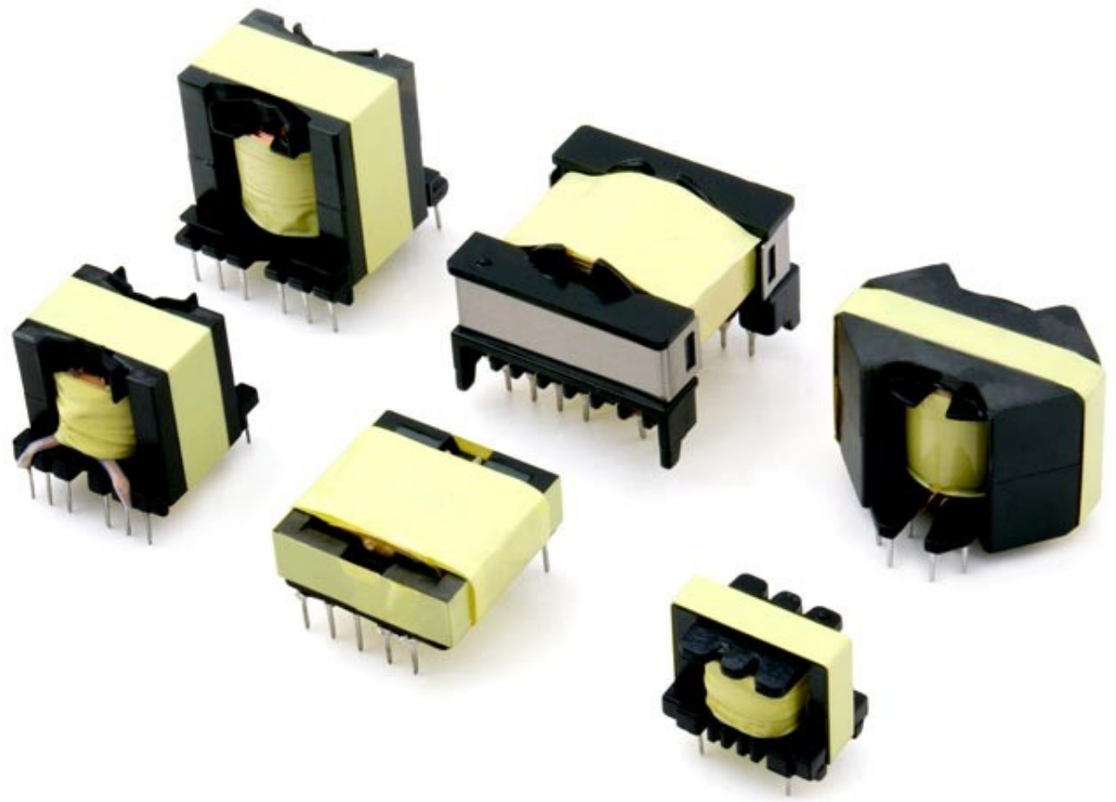
Technology available

Electrical Transformer

- Feature: Wide working voltage range, Wide working frequency range, Good heat balance, Low power loss, High efficiency
- Type: EE, EI, EF,ER, ETD, PQ, EFD, EP, EPC, POT, RM, Toroidal
- Surface Mount and Through Hole configuration
- Available in Vertical and Horizontal mount.
- Insulation Class : Class B(130℃), F(155℃), H(180℃)
- Application: Main transformer/Drive transformer/Auxiliary transformer in the switching power supply, DC/DC converter, UPS, Monitor, Electronic devices etc.



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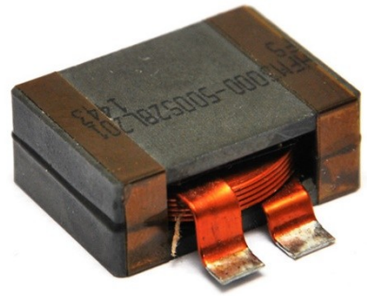
Technology available

Current transformer

- Feature: With high permeability core, Excellent linear, Low profile, Heavy resistor load
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Electronics energy meter, Power transducer, Electrical monitoring system, Various of tester etc.

Planar transformer

- Power: Up to 5000W
- Feature: Low profile, High current density, Very high efficiency typically above 90%, Low leakage, Good heat conduction, Low EMI radiation, Excellent repeatability, Wide working frequency range, Wide operation temperature range, Good insulation.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: DC/DC converter, Switching Power Module etc.



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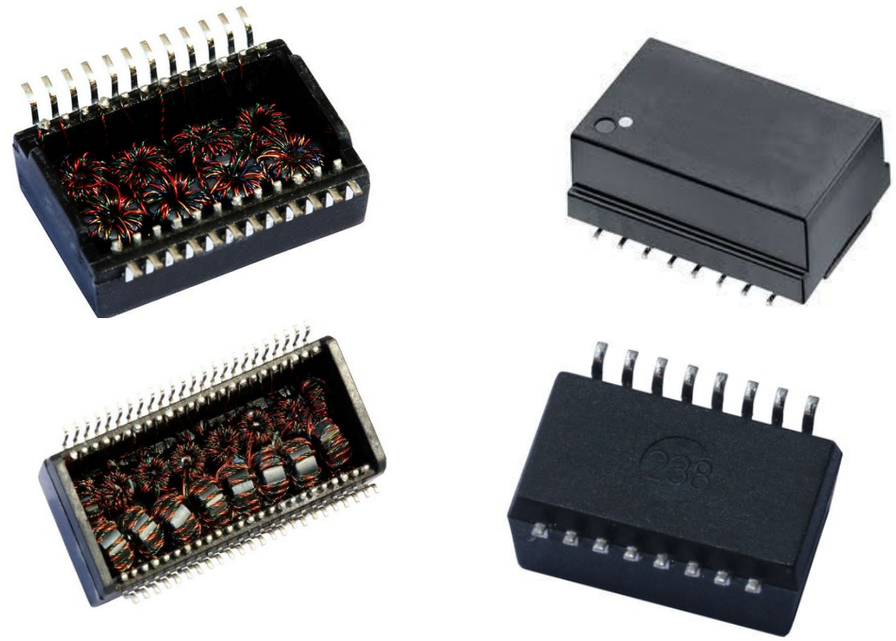
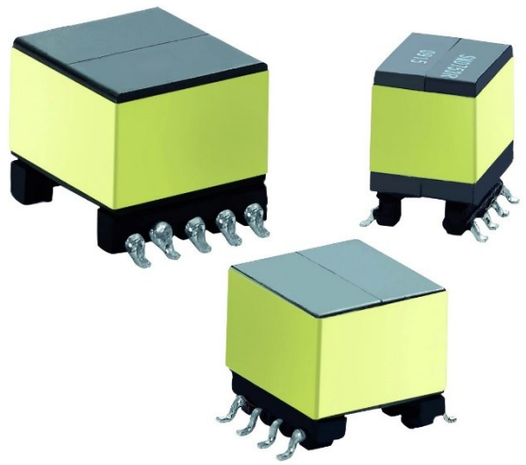
Technology available

LAN/Telecom transformer

- Feature:
  - Power over Ethernet up to 150 Watts and speeds up to 1 Gbit/s
  - Available in SMD
  - Compliant with standards: IEEE 802.3u, IEEE 802.3ab, IEEE802.3af,
  - IEEE 802.3at and upcoming IEEE 802.3bt
- Application: ADSL broadband communication equipment, Cable Modem, Network switch, Hub, Network card and other network communication equipment, Optical transmitter and receiver, IP telephone system, Power line access equipment, Voice device, Digital TV set, Embedded System etc.





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Technology available

Toroidal Transformer

- Power: Up to 10KVA
- Feature: Low leakage flux, low exciting current, low noise, Low output regulation and high efficiency
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: AC voltage regulator, Medical equipment, inverter, Elevator, Audio Amplifier, Security system, UPS Power, Auto Door etc.

Waterproof Transformer

- Power: Up to 1000VA
- Feature: Low leakage flux, High efficiency, Universal Purpose small size, easy to install, Low leakage current.
- Waterproof class up to IP68
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Swimming pool, Outdoor Lighting,
- Landscape Lighting, Streetlight etc.

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Technology available

EI Type Transformer

- Power: Up to 1000VA
- Feature: Low leakage flux, Low exciting current, Low noise, Low temperature rise.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: AC voltage regulator, Medical equipment, Inverter, Elevator, Audio Amplifier, Security system, UPS Power, Lighting, Auto Door, electric welding machine etc.

Encapsulated Transformer

- Power: up to 50VA
- Feature: Split Bobbin Design, Vacuum Filling, Compact, High solidity,
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Power supply, Stereo, Air Condition, Home appliance control circuit, Electronic devices and industrial equipment etc.

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Technology available

R Type Transformer

- Power: Up to 5000VA
- Feature: Suitable for frequency of 50-400Hz, Low noise, Small size, Light weight, Low temperature rise, Small magnetic flux leakage, Strong overload capability.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Monitor, Printer, Fax machine, Digital satellite and broadcast receiver, Survey equipment and Test equipment, Electrical Equipment etc.

Three-Phase Transformer

- Power: 1KVA-300KVA
- Feature: Made of good iron chip and high flame-retarding and insulation materials. No vibration and little sound.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Applied in power supplies of kinds of large-size industrial equipment and communicating equipment etc.

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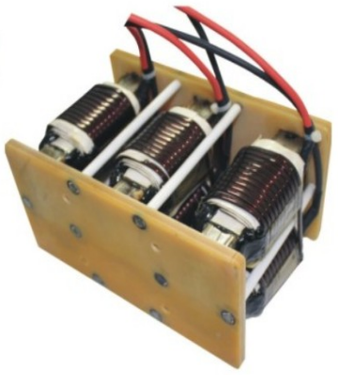
Technology available

Renewable Energy Industry Transformer

- Feature: Wide working frequency range, Hi Power, High efficiency, Low leakage flux, High saturation current.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Photovoltaic, Wind Inverter, Solar Inverter, Charger Station



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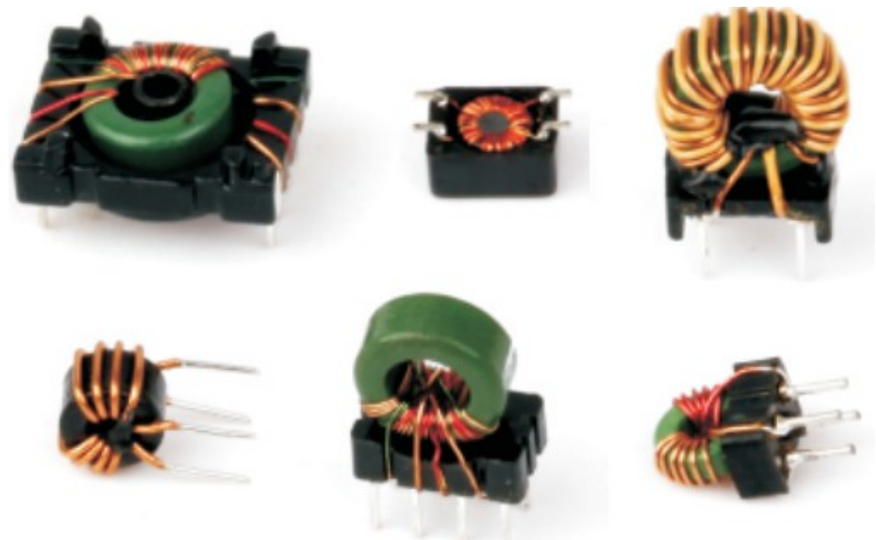
Technology available

Toroidal Inductor

- Feature: Less leakage of magnetic flux, High saturation current, Low power loss.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Various consumer electronics and industrial equipment etc.



High Power Inductor

- Feature: High reliability, Low resistance and temperature rise, High saturation current, High power
- Insulation Grade: Class B(130℃), F(155℃), H(180℃)
- Application: Power supply, Switching circuit, Various consumer electronics and industrial equipment etc.

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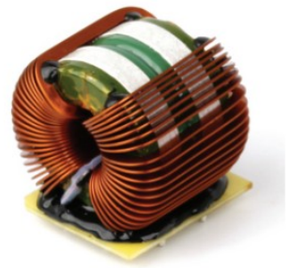
Technology available

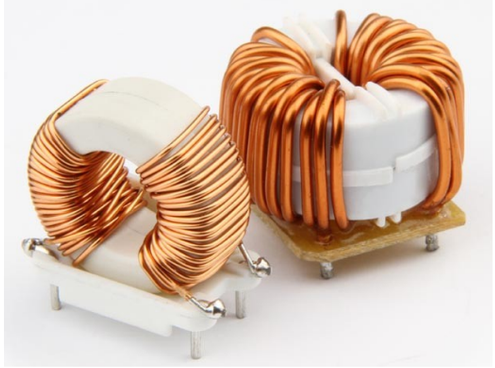
High Power Inductor With Flat Wire

- Feature: High power, Easy assemble etc.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Widely applied in various photovoltaic, Charger station and high power industrial power supply etc.



Common Mode Choke

- Feature: Low power loss, High reliability, Low resistance and low temperature rise,
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: TV set, PC, VTR, Game machine, Medical instrument and electronic instrument etc.



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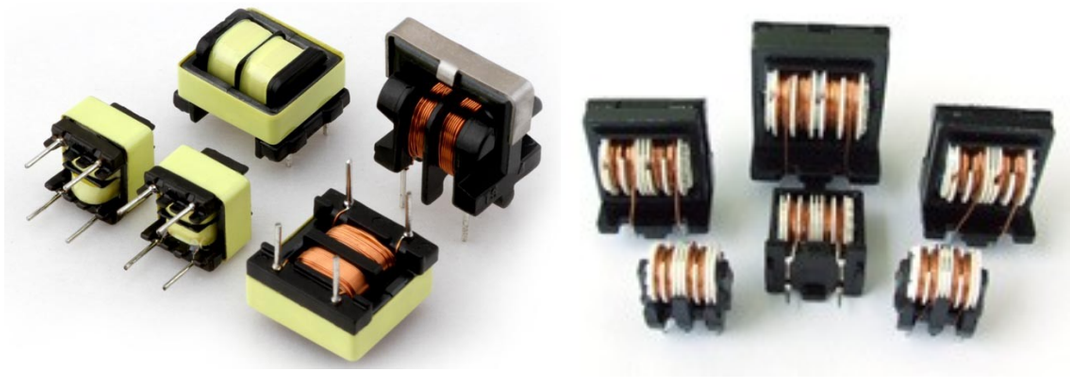
Technology available

Line Filter

- Feature: Wide frequency range, Compact and low temperature rise, Work steadily in big electrical current.
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Vertical and Horizontal installation applied different installation apace
- Application: Household appliances, Switching power supplies, Communications equipment, Medical equipment, Computers, TV Set, Lighting equipment etc.



Power Inductor

- Feature: Contain high - frequency ferrite, Comparatively large rated current
- Insulation Class: Class B(130℃), F(155℃), H(180℃)
- Application: Power supply, DC-DC converters, TVs,
- Computers, Telephones, Air-Condition, Household appliances, Electronic toys and games etc.

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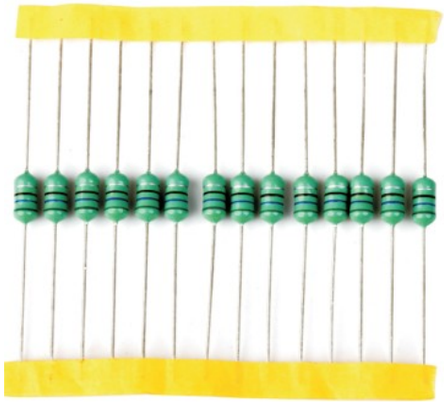
Technology available

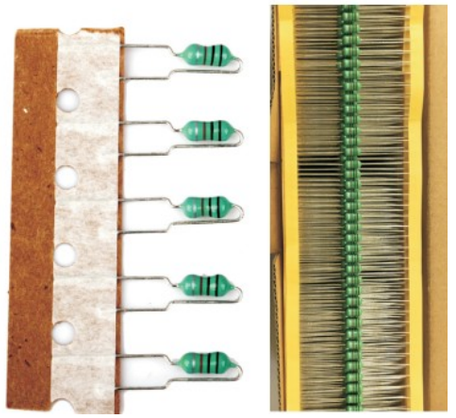
Air Coil

- Feature: Winding different shapes, Stable inductive performance, Self-adhesive, High precision, Wire diameter from 0.012-4mm.
- Application: IC card / Radio Frequency tag Electronic Clock, Speaker toys, ID Card systems, electro-mechanical displays, Antennas and remote control devices.

Color Code Inductor

- Feature: Firm structure, low cost, high Q value and self resonance frequency, Large inductance range and automatic assemble.
- Application: Mobile phone and digital products, Household appliances, Industrial equipment etc.





R Type Inductor/Coil

- Feature: General purpose inductors, High saturation current
- Application: Power supply, Noise filters for switching regulators, other filters etc.

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