



EXPERTS IN TRANSFORMERS

www.pomceg.com

OUR PRODUCTS

■ TRANSFORMERS

- LOW FREQUENCY
 - Low profile
 - Varnished
 - Encapsulated/Potted
- HIGH FREQUENCY
 - Power Transformer
 - Telecom
 - Audio
 - Isolation
 - Pulses

■ INDUCTORS

- AIR CORES
- FERRITE CORES
- AC LINE FILTERS
- THD POWER INDUCTORS
- SMD POWER INDUCTORS
- CHOKES:
 - Toroidal format
 - Any other formats

■ IGNITORS

■ CURRENT SENSORS

■ SPECIAL DESIGNS

GEOGRAPHIC EXPANSION



**"ON TIME
ANYWHERE"**

CERTIFICATES



Auditados por:

**MOORE STEPHENS
IBERGRUP**



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EXPERTS IN
TRANSFORMERS

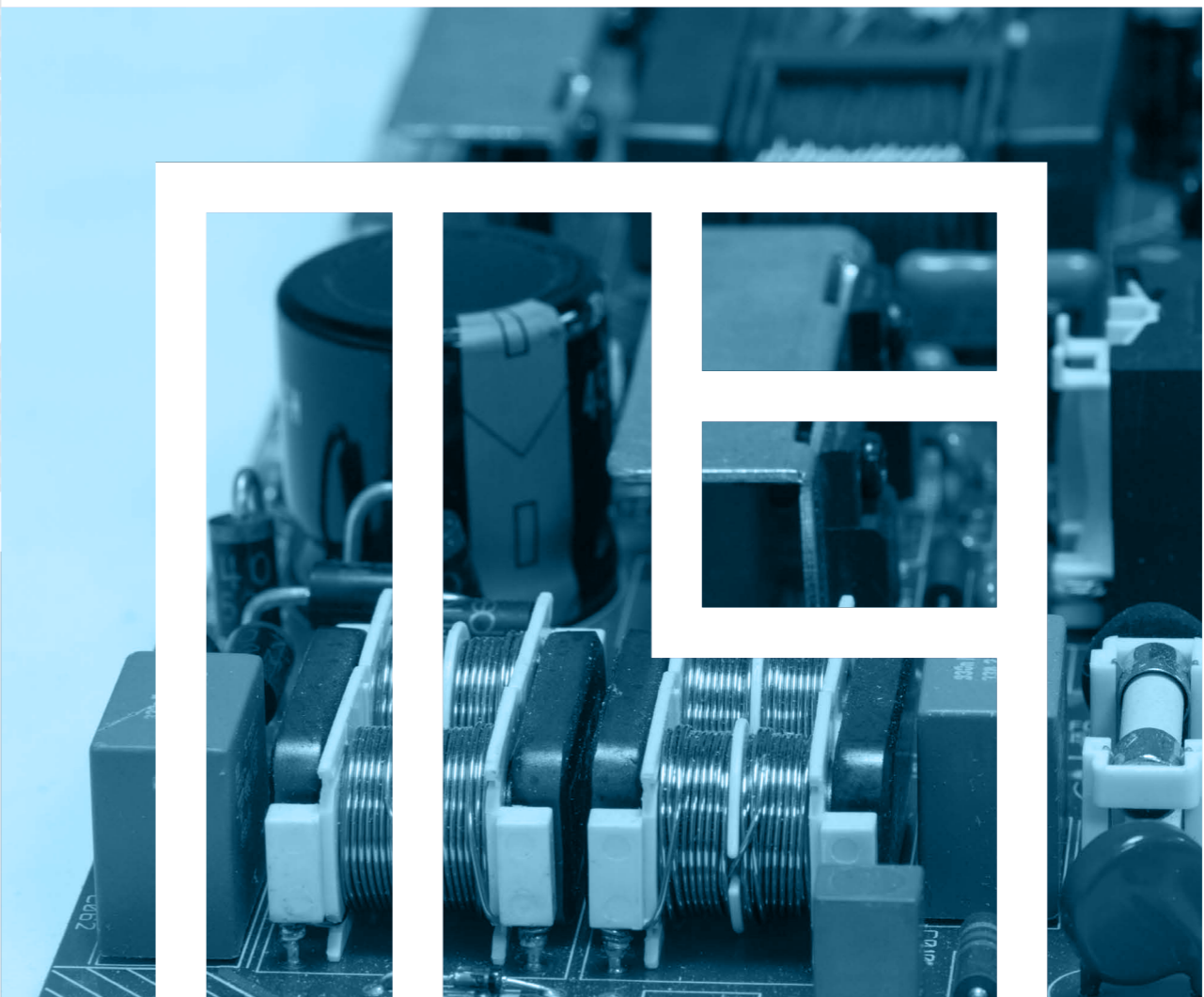
HIGH-FREQUENCY
TRANSFORMERS

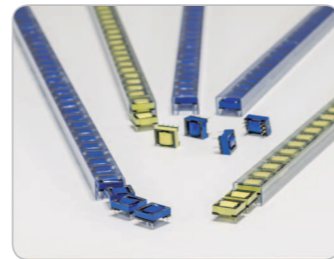
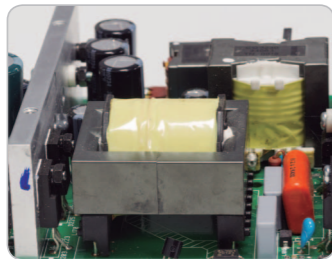
INDUCTORS,
FILTERS & CHOKES

LOW-FREQUENCY
TRANSFORMERS



INDUCTORS, FILTERS & CHOKES





- ✓ MADE IN EUROPE
- ✓ UL-CERTIFIED MATERIALS
- ✓ CUSTOM & STANDARD DESIGNS
- ✓ AUTOMATED PRODUCTION

DELIVERY TIMES

CUSTOM PROTOTYPES
10 DAYS

SCHEDULED PRODUCTION
45 DAYS

- Traceability
- Flexibility
- Custom design
- Personalised service
- Safety Stock

COMMON FORMATS

At **POMCEG ELECTRONICS** we are experts in custom design and manufacturing to suit the customer, although the great necessity for these components means that they are extremely standardised formats. These include the following

INDUCTORS

Filters for electromagnetic interference (EMI/RFI)

	LxW (mm)	H (mm)
0406	1μ-1mH	0.14 - 4.5A
0608	1μ-1mH	0.20 - 2.10A
0810	100 μH-1mH	0.45 - 1.4A
0912	100 μH-1mH	0.53 - 1.70A
1216	15 μH - 1mH	0.45 - 3.3A
1415	22 μH- 1mH	1.4 - 8.8A
1618	22 μH- 1mH	2.5 - 14A

* The first two digits indicate the diameter of the core. The last two digits refer to its height. Approximately.

** Other inductance values available on request.

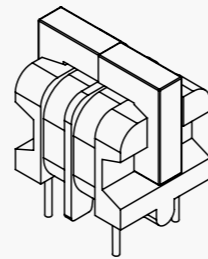
*** The current depends on the inductance value.

- Radial and axial components
- Small footprint
- Shielded designs for low emission
- Possibility of epoxy filling

AC LINE FILTERS EE-ET-UI-UT-UU

(From units to tens of Henries)

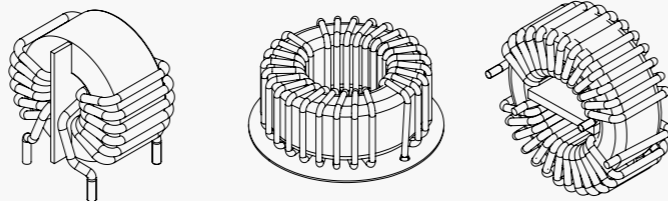
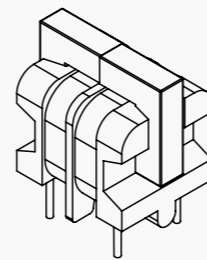
- Minimum dispersion inductance for symmetric suppression of interference
- Isolation: minimum from 500V
- Possibility of other formats



FORMATS WITH AIR CORE

These are characterised by the fact that their inductance value remains constant regardless of the current and by the fact that there is no saturation effect.

- Used when the current and power level is high.
- Used for Wireless applications
- Possibility of adaptation to shapes required by customers



CHOKES

Used to filter signals on power lines.

- Chokes in common mode and differential mode for power lines
- THD and SMD, vertical and horizontal formats.

Extensively used in interference suppression, SMPS (tabletop PCs, air conditioning systems, cleaning equipment, battery chargers, audio applications, ceramic/induction hobs or any other switched-mode application, etc.)

Excellent temperature and humidity resistance characteristics.

INDUCTORS FILTERS & CHOKES

KEYS FOR TECHNOLOGICAL DEVELOPMENT

We live surrounded by technology, most of which is wireless. For this reason, an increasing number of measures are taken to protect people from these wave sources and to protect any other equipment operating in these environments.

The only way of seeking immunity from signals from other equipment or avoiding irradiability from the equipment in question is by using Filters and Chokes, magnetic components primarily used to filter these waves.

Air-core inductor coils also play a role in this field and enable equipment to reduce the loss of energy on all remaining magnetic components.

There is an endless number of areas of application for these components and they will become increasingly essential as technology advances.

“INDIVIDUAL SOLUTIONS
IN THE MAIN INDUSTRIES”

AREAS OF ACTION

Thanks to the extensive experience of **POMCEG ELECTRONICS** and its way of work, together with the need for these components in the development of technology, the lines of action are extremely diverse and the following sectors can be highlighted as strategic areas:

RENEWABLE ENERGIES



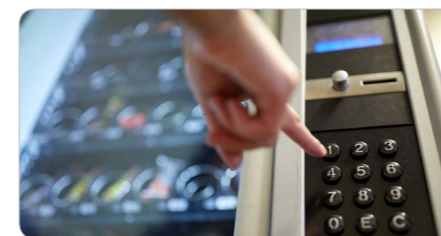
METERING



INDUSTRIAL



VENDING



AUDIO



WHITE GOODS



We also work in other sectors, such as:

- POWER LINE COUPLING TRANSFORMERS
- HVAC



“MUCH MORE THAN
GOOD PRODUCTS”

TECHNICAL CAPABILITIES

- UL94 V-0 MATERIALS
- THD & SMD FORMATS
- SPECIAL CERTIFICATES AVAILABLE

