



RELIABILITY HAS A NAME

INDUCTIVE COMPONENTS FOR MEDICAL APPLICATIONS

Transformers and inductors need to meet especially high safety standards before they can be used in medical devices.

We develop transformers and inductors, e.g. for high continuous operating voltages of up to 10 kV, that are compliant with the relevant standards and designed to meet industry-specific safety standards. When designing these components, people's safety is our top priority.

To ensure high isolating voltage, we develop a customised insulation system for each and every component – resulting in a solution you can rely on.

Many of our inductive components have already been operating smoothly in their applications for over 20 years.

On the subject of reliability, we also guarantee to supply replacement parts for the duration of your product's lifecycle, thus ensuring the reliable, cost-effective operation of our component in your medical devices.

150QUALIFIED
EMPLOYEES**15**% RESEARCH &
DEVELOPMENT**1973**MEDIUM FREQUENCY –
RIGHT FROM THE START**100**% MADE IN
GERMANY



MF-POWER-TRANSFORMERS

Key Data:
P = 0.5 - 5.5 kW |
F = 47 - 60 kHz

Dimensions:
71 x 71 x 70 mm
(L x W x H)

Weight:
1 kg

Specials:
The STS production system ensures that items produced in series meet reproducible, high quality standards. Taking into account market-specific standards, this ensures that they function reliably even in highly sensitive fields of application.

Key Data:
L = 15 μ H | I = 30 A |
F = 85 kHz

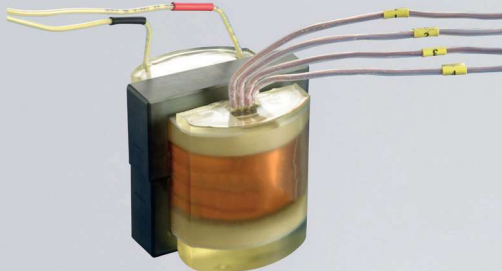
Dimensions:
123 x 82 x 47 mm
(L x W x H)

Weight:
1.25 kg

Specials:
Thanks to the single-layer winding technology combined with the distributed air gap (ferrite), it is possible to achieve a resonance frequency (>1 MHz).



RESONANCE-INDUCTORS



HV-TRANSFORMERS

Key Data:
P = 450 W (4 kW Peak) |
F = 350 kHz

Dimensions:
60 x 60 x 45 mm
(L x B x H)

Weight:
400 g

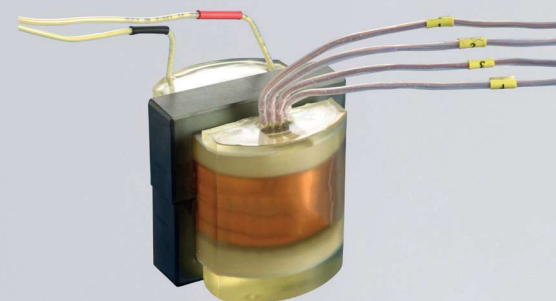
Specials:
High voltage transformers (variable up to 4.5 kV) with high frequency and high pulse power (4 kW for 1 minute).

Key Data:
P = 100 VA @ 45 kHz
Betriebsspannung = 10 kV

Dimensions:
80 x 76 x 80 mm
(L x B x H)

Weight:
650 g

Specials:
MF-HV-transformer with insulation concept for 10 kV.



MF-TRANSFORMERS

