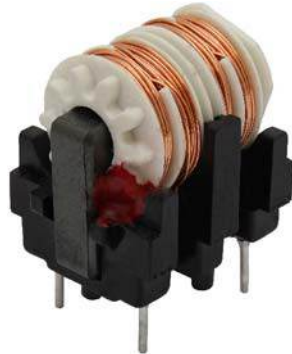


## Custom Capabilities Power Pulse Transformer



### PRODUCT TYPES

- High voltage pulse transformers
- Capabilities:
  - Frequencies to 10 MHz
  - Voltage to 10 000 V

### OVERALL CAPABILITIES

- Operating temperature range from -55 °C to +220 °C
- Designed to meet UL, CSA, VDE, and IEC safety requirements
- Ruggedized packages for extreme environments
- AEC-Q200 qualified (automotive compliant)
- Space grade compliant to MIL-STD-981
- Multi-site manufacturing - USA, Dominican Republic, Mexico, China

### INDUSTRIES SERVED

To view our custom magnetics application capabilities brochure, click below.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• <a href="#">Avionics</a></li> <li>• <a href="#">Military</a></li> <li>• <a href="#">Medical</a></li> <li>• <a href="#">Industrial controls</a></li> </ul> | <ul style="list-style-type: none"> <li>• <a href="#">Automotive</a></li> <li>• <a href="#">Test and instrumentation</a></li> <li>• <a href="#">Space</a></li> <li>• <a href="#">Alternative energy</a></li> </ul> |
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### MATERIAL / PROCESS CAPABILITIES

- Conductor geometries: litz wire, foil, round magnet wire, rectangular magnet wire, square magnet wire, planar, stamped windings
- Conductor materials: copper, aluminum
- Core materials: ferrite, powdered iron alloys, MPP, high flux, Kool Mu®, amorphous, tape wound, laminated
- Terminations: through-hole, SMD, press fit, flying lead
- Potted and vacuum varnish impregnated
- Lead (Pb)-free capability
- Automated winding, soldering, assembly, and test capability
- SOLIDWORKS® and AutoCAD 3D design software

### CONTACT INFORMATION

For design assistance, please contact: [custommags@vishay.com](mailto:custommags@vishay.com)

To order products, please use the electronic order form: [www.vishay.com/landingpage/custom-magnetics/transformerform.html](http://www.vishay.com/landingpage/custom-magnetics/transformerform.html)



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