Worldwide Presence Engineering Expertise Leading Edge Technology Award Winning Support Our Commitment to Quality



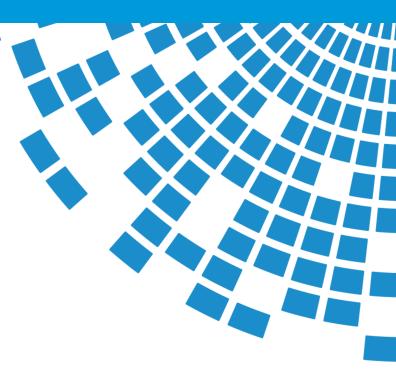


High Frequency Magnetics At-A-Glance

Your one source for wire wound magnetic solutions

High Frequency Magnetics Switching Transformers SMD Power Inductors Inductors / Chokes Line Filters Drum Core Inductors PoE Transformers PoDL Transformers





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MEDICAL

Diagnostic Surgical Equipment **Patient Monitoring** Hand Held Devices Surgical Generators In-Home Dialysis **Blood Analyzers**

NETWORKING

Data Center Switching **Routers** Servers & Server I/O Server Blades **100G Core Switches** NIC Cards 3U Top Rack & End of Rack 40G Firewall Patch Panels & Wiring Closet

TELECOM/DATACOM

Set-Top Boxes Hard Drives Laptops **Printers Plotters** PBX **Current Line Detection**

FIRE/SECURITY

High Speed Cable Assy **Terminal Blocks Coax Connectors D-Sub Connectors** Z Axis Compress Interfacing **Circular Connectors** Card Edge Connectors **Power Connectors**

TRANSPORTATION

E-Mobility **Off Road Automotive** Aerospace Agriculture Construction Material Handling Marine **Stationary Engines Engine Control**

Whatever stage your product's development is in and you need magnetics, we have the right solution for you. Signal Transformer... is your one source.

Platforms For Switching Regulators

- EE/EI/EP/EFD/EER/ER/EF/UI /RM/PQ/U
- 20 kHz to 500 kHz Operating Frequency
- 0.5 W to 600 W Power Capacity Range

PoE & PoDL* - Power over Ethernet & Data Lines

- PoE 3 W to 15 W Rated Power
- PoE EP7, EP10, EP13 SMT Platforms
- PoDL 40 Ω 2500 Ω Impedance
- PoDL 0.9 A to 15 A Rated Current
- 1500 V_{DC} Isolation, -40°C to 125°C Operating Temp.

PQ Core Platform DC-DC Converter

- 20 kHz to 250 kHz Operating Frequency
- 9 W to 600 W Power Capacity Range
- Through Hole Mount Vertical

RM Core Platform DC-DC Converter

- 20 kHz to 250 kHz Operating Frequency
- 2 W to 250 W Power Capacity Range
- Through Hole Mount or SMT Package

EFD & ETD Core Platform DC-DC Converter

- 100 kHz to 500 kHz Operating Frequency
- EFD 4 W to 60 W Power Capacity Range
- ETD 36 W to 150 W Power Capacity Range
- Through Hole Mount or SMT Package

EE Core Platform DC-DC Converter

- 100 kHz to 300 kHz Operating Frequency
- 0.5 W to 200 W Power Capacity Range
- Through Hole Mount or SMT Package

EP Core Platform DC-DC Converter

- 100 kHz to 300 kHz Operating Frequency
- 0.9 W to 18 W Power Capacity Range
- Through Hole Mount or SMT Package



















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EPC Core Platform for DC-DC Converter

- 500 kHz Operating Frequency
- 5.5 W to 58 W Power Capacity Range
- Through Hole Mount or SMT Package

ER & EER Core Platform for DC-DC Converter

- 300 kHz to 500 kHz Operating Frequency
- 0.7 W to 180 W Power Capacity Range
- Through Hole Mount or SMT Package

High Current Toroidal Inductors for Power Supplies

- 300 kHz to 500 kHz Operating Frequency
- 2.4 A to 20 A Rated Current
- 10 μH to 1000 μH @ 0 A_{DC} Inductance Range
- Through Hole Mount, Horizontal or Vertical

ET, UT & U Core - Choke / Line Filters

- 0.20 mH to 100 mH Rated Inductance
- 0.3 A to 10 A Rated Current
- Through Hole Mount, Horizontal or Vertical

Drum Core* - Inductor

- 1 µH to 2750 µH Rated Inductance
- 8.4 mA to 95 A Rated Current
- Through Hole Mount, Available in Tape and Reel

Toroid Core CM Chokes / Filters Inductors

- 10 mH to 100 mH Rated Inductance
- 0.3 A to 20 A Rated Current
- Through Hole Mount, Horizontal or Vertical

SMD* Power Inductors

- 0.01 µH to 10 mH Rated Inductance
- 4 mA to 70 A Rated Current
- 1mm to 12.3 mm Rated Height Range

POWER MODULES

Std Brick Converters Non-Isolated POL Modules Voltage Regulator Modules Power Sequencers Boost Converters Tracking Converters Tunable Loop™

CIRCUIT PROTECTION

Glass Fuse Ceramic Fuse Axial Leaded Fuses Radial Thru Hole PTC Resettable Fuse Ultra mini SMT Fuses Thermal Fuse

WIRE WOUND MAGNETICS

SMD Power Inductors Single Phase Three Phase Class 2 Class II Buck Boost Linear Transformers Toroidal Transformers Auto Transformers Switchmode Transformer Drum Core Inductor Wireless Charging Coils

INTERCONNECT

High Speed Cable Assy Terminal Blocks Coax Connectors D-Sub connectors Z Axis Compress Interfacing Circular Connectors Card Edge Connectors Power Connectors

ETHERNET CONNECTIVITY

Harmonica Jacks Cable Jacks Plugs Stack Jacks Shielded Vertical & R/A Jacks Pwr over Ethernet Modules Gigabit Ethernet 10/100 Base –TX 10 Base-T RJ Point Five PoE & PoDL

Contact us with your custom designs or product modification needs.

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Local Support

Our regional sales offices are ready to provide expert application and sales support. In addition, our extensive network of manufacturers' representatives and distributors bring our products to you. Please call for locations of sales offices near you or visit our website at **belfuse.com/signal**

Signal Transformer

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