

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



SMD Power Inductors At-A-Glance

Your one source for wire wound
magnetic solutions

2,700 Standard P/Ns to Choose From

Inductance Range 0.01 μ H to 10 mH

DC Current Range 4 mA to 70 A

DC Resistance Range 2 m Ω to 140 Ω

Height Range 1 mm to 12.3 mm

Custom Formulated Powder Materials

High Efficiency



+1 866.239.5777
belfuse.com/signal

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
Telephone Line Switching
PBX
Current Line Detection

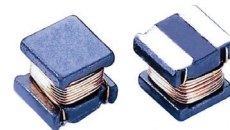
CONSUMER
Digital Cameras
Video Recorders
GPS - Navigation
Portable Media Players
Game controllers
Projectors
LCD Televisions
Hand Held Devices

INDUSTRIAL
Material Handling
Process Control
Robotics
Elevators
Power Controllers
POS Terminals
Vending Machines

Signal Transformer wire wound SMD Inductors have found their way into every market segment

SC1206, SC1210, SC1812, SC2220 Series

- 0.1 μ H to 10 mH Inductance
- 2 mm to 5 mm Height
- 0.05 A to 7.8 A Saturation Current



SC31 to SC108 Series — Unshielded

- 0.8 μ H to 1.2 mH Inductance
- 1.8 mm to 8.3 mm Height
- 0.03 A to 4.7 A Saturation Current



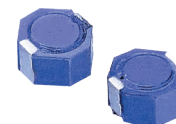
SC33xxF Series — Unshielded

- 1.0 μ H to 1.0 mH Inductance
- 3 mm to 11.43 mm Height
- 0.1 A to 18.0 A Saturation Current



SC52LC & BC53LC Series — Shielded

- 1.2 μ H to 220 μ H Inductance
- 2 mm to 3.0 mm Height
- 0.18 A to 2.92 A Saturation Current



SCRH Series— Magnetically Shielded

- 1.0 μ H to 180 μ H Inductance
- 1.9 mm to 4 mm Height
- 0.15 A to 5.0 A Saturation Current



SC1606, SC1704, SC2506, SC1608 (F&C) Series

- 1.0 μ H to 1.0 mH Inductance
- 1.1 mm to 2.92 mm Height
- 0.045 A to 4.0 A Saturation Current



SCMD4D Series — Low Profile

- 3.3 μ H to 100 μ H Inductance
- 1 mm to 1.45 mm Height
- 0.16 A to 1.55 A Saturation Current



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.



SCBxxC Series — Magnetically Shielded

- 1.0 μ H to 560 μ H Inductance
- 3 mm to 5.5 mm Height
- 0.11 A to 7 A Saturation Current



SCxxxxC Series — Magnetically Shielded

- 10 μ H to 1 mH Inductance
- 2.92 mm to 7.62 mm Height
- 0.045 A to 8 A Saturation Current



SCxxxxFH Series — High Current

- 0.18 μ H to 1.4 mH Inductance
- 5 mm to 12.3 mm Height
- 0.53 A to 40 A Saturation Current



SCEP Series — High Current

- 0.15 μ H to 27 μ H Inductance
- 4.5 mm to 8.1 mm Height
- 4.5 A to 70 A Saturation Current



SCIHP Series — High Freq & High Current, Shielded

- 0.22 μ H to 22 μ H Inductance (at up to 5MHz)
- 1.8 mm to 6.7 mm Height
- 2.0 A to 48 A Saturation Current



SCRHB12xx Series — Dual Winding

- 5.6 μ H to 160 μ H Inductance
- 4.5 mm to 8 mm Height
- 1 A to 7 A Saturation Current



SCNR Series

- 0.47 μ H to 1.2 mH Open Circuit Inductance
- 5.5 mm to 7 mm Height
- 0.16 A to 7 A Saturation Current

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

WIRE WOUND MAGNETICS
SMD Power Inductors
Single Phase
Three Phase
Class 2
Buck Boost
Linear Transformers
Toroidal Transformers
Switchmode Transformers

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



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

128 Atlantic Avenue
Lynbrook, NY 11563
Toll-Free +1 866.239.5777
T +1 516.239.5777
F +1 516.239.7208
sales@signaltransformer.com
techhelp@signaltransformer.com