

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

**your one source for wire wound magnetic solutions**

**2,700 Standard P/Ns to Choose From**

**Inductance Range 0.01uH to 10mH**

**DC Current Range 4mA to 70A**

**DC Resistance Range 2mΩ to 140Ω**

**Height Range 1mm to 12.3mm**

**Custom Formulated Powder Materials**

**High Efficiency**



## SMD Power Inductors At-A-Glance

[www.signaltransformer.com](http://www.signaltransformer.com)

quality and innovation in wire wound magnetic technology

## 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

CONCEPT — DESIGN — EVALUATION — PROTOTYPE — PRODUCTION

### SC1206, SC1210, SC1812, SC2220 SERIES

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



[Click Here](#)

### SC31 to SC108 SERIES — UNSHIELDED

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



[Click Here](#)

### SC33xxF SERIES — UNSHIELDED

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



[Click Here](#)

### SC52LC & BC53LC SERIES — SHIELDED

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



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### SCRH SERIES — MAGNETICALLY SHIELDED

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



[Click Here](#)

### SC1606, SC1704, SC2506, SC1608 (F&C) SERIES

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



[Click Here](#)

### SCMD4D SERIES — LOW PROFILE

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



[Click Here](#)

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.

CONCEPT — DESIGN — EVALUATION — PROTOTYPE — PRODUCTION



[Click Here](#)

### SCBxxC SERIES — MAGNETICALLY SHIELDED

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



[Click Here](#)

### SCxxxxC SERIES — MAGNETICALLY SHIELDED

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



[Click Here](#)

### SCxxxxFH SERIES — HIGH CURRENT

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



[Click Here](#)

### SCEP SERIES — HIGH CURRENT

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



[Click Here](#)

### SCIHP SERIES — HIGH FREQ & HIGH CURRENT, SHIELDED

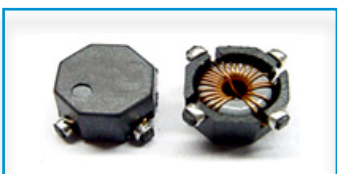
- 0.22uH to 22uH Inductance (at up to 5MHz)
- 1.8mm to 6.7mm Height
- 2.0A to 48A Saturation Current



[Click Here](#)

### SCRHB12xx SERIES — DUAL WINDING

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



[Click Here](#)

### SCX1xx SERIES — DUAL WINDING

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

## POWER MODULES

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

## CIRCUIT PROTECTION

Glass Fuses  
Ceramic Fuses  
Axial Leaded Fuses  
Radial Thru Hole Fuses  
PTC Resettable Fuses  
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 Assembly  
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 & Right Angle Jacks  
Power over Ethernet Modules  
Gigabit Ethernet  
10/100Base -TX  
10Base-T  
RJ point five Connectors

For data sheets, sample requests and detailed product specifications visit our website at [www.signaltransformer.com](http://www.signaltransformer.com)

## Signal Transformer

500 Bayview Avenue  
Inwood, NY 11096-1792  
Tel 516-239-5777  
Fax 516-239-7208

### Local Support

Our regional sales offices are ready to provide expert local applications and sales support. In addition, our extensive network of manufacturers' representatives and distributors help bring our products to you. Please call for locations of sales offices near you or visit our website at

[www.signaltransformer.com](http://www.signaltransformer.com)



### Bel Fuse Inc.

206 Van Vorst Street  
Jersey City, NJ 07302  
Tel 201-432-0463  
Fax 201-432-9542

### Bel Stewart GmbH

Industriestrasse 20  
61381 Friedrichsdorf  
Germany  
Tel 49-6172-9552-0  
Fax 49-6172-9552-40

### Bel Fuse Ltd.

8F/8 Luk Hop Street  
San Po Kong  
Kowloon, Hong Kong  
Tel 852-2328-5515  
Fax 852-2352-3706

### Bel Fuse Europe Ltd.

Preston Technology Management Centre  
Marsh Lane, Suite F15, Preston PR1 8UQ  
Lancashire, UK  
Tel 44-1772-556601  
Fax 44-1772-888366

For the *fastest* way to find just the right wire wound magnetics

[www.signaltransformer.com](http://www.signaltransformer.com)