



## Bourns Releases New LAN Gigabit Ethernet Transformer

### Model SM91604L

Riverside, California – **OCTOBER 20, 2023** – Bourns Magnetics Product Line is pleased to introduce the [Model SM91604L LAN Gigabit Ethernet Transformer](#). This new single-port Gigabit Ethernet Isolation Transformer includes common mode chokes for noise rejection for Ethernet applications and is designed to meet gigabit Ethernet communication requirements with reinforced insulation.

The Model SM91604L LAN transformer offers 4680 V isolation voltage, 800 V working voltage, reinforced insulation and an extended operating temperature range of -40 to +105 °C.

Model	OCL ( $\mu\text{H}$ Min. @ 8 mA DC Bias)	Size (mm)	Working Voltage (V)	Creepage Distance (mm)	Clearance Distance (mm)
SM91604L	350	33.0 x 19.6 x 10.5	800	Min. 8	Min. 8

For additional details, visit [www.bourns.com/products/magnetic-products/transformers-signal](http://www.bourns.com/products/magnetic-products/transformers-signal).

If you have any questions or need additional information, please feel free to contact [Customer Service / Inside Sales](#).

#### Features

- Designed to meet gigabit Ethernet requirements
- Reinforced insulation per IEC 60664-1 and IEC 62368-1 standards
- 800 V working voltage
- 8 mm minimum creepage distance and clearance distance
- Expanded temperature range: -40 to +105 °C
- RoHS compliant\*

#### Applications

- Industrial 4.0
- White goods

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.