



## Bourns Releases LAN 100Base-TX Ethernet Transformer

### Model SM91078L

*Riverside, California – November 9, 2022* – Bourns Magnetics Product Line is pleased to introduce an additional LAN Transformer, the [Model SM91078L](#). This single-port 100Base-TX Ethernet Isolation Transformer module includes common mode chokes for noise rejection in Ethernet applications. The Model SM91078L is designed to meet 100Base-TX Ethernet communication with basic insulation, offers 4000 VAC isolation voltage, and has an expanded 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)
SM91078L	350	30.6 x 18.6 x 10.0	1500	Min. 8	Min. 8

Please visit the Bourns website at [www.bourns.com/products/magnetic-products/transformers-signal](http://www.bourns.com/products/magnetic-products/transformers-signal) for additional product details. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

#### Features

- Designed to meet 100Base-TX Ethernet requirements
- HI-POT (1 mA, 60 sec.): 4000 VAC
- Basic insulation per IEC 62368-1 standards
- 1500 VDC working voltage
- Creepage distance 8 mm minimum, pollution degree 2, material group CTII
- Clearance distance 8 mm minimum, Overvoltage Category III, up to 4 km at sea level
- Expanded temperature range: -40 to +105 °C
- RoHS compliant\*

#### Applications

- Energy Storage Systems
- Industrial 4.0
- White goods

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