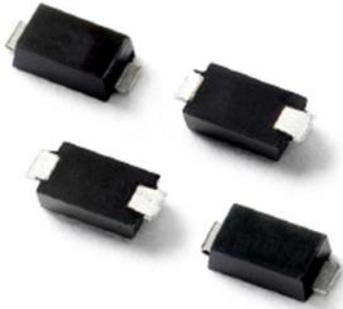


FOR IMMEDIATE RELEASE

Media Contact:

Rhonda Stratton
Global Marketing Communications Manager
Electronics Products, Littelfuse, Inc.
773-628-0644
rstratton@littelfuse.com
twitter.com/littelfuse



[PLEDxN Series Open LED Protectors](#)

PLEDxN Series Open LED Protectors from Littelfuse Ensure Remaining LEDs Stay Lit if a Single Device Fails

Designed for use with high-brightness 1W LEDs and available in an SOD-123FL package

CHICAGO, April 24, 2017 — Littelfuse, Inc., the global leader in circuit protection, today introduced the PLEDxN Series of Open LED Protectors. These surface mount devices, which are designed for use with high-brightness, one-watt LEDs with a nominal 350mA current at 3V, provide a switching electronic shunt path when an LED in an LED string or array fails as an open circuit. They are designed to reset automatically if the LED heals itself or the power is cycled.

Their small-footprint SOD-123FL package housing has one of the lowest height profiles (1.1 mm) of any device of this type, making it ideal for dense board applications that demand high layout flexibility.

Typical applications for PLEDxN Series of Open LED Protectors include street, subway, runway, and tunnel lighting, as well as headlights, roadside warning lights, and outdoor signage where high reliability and low maintenance are required.

“When compared with other open LED protection solutions such as Silicon Controlled Rectifiers (SCRs) and Zener diodes, the PLEDxN Series enables higher reliability and lower maintenance,” said Meng Wang, product manager, Open LED Protectors at Littelfuse. “That makes them ideal for applications like outdoor LED lighting or signage applications where durability is essential.”

PLEDxN Series Open LED Protectors offer these key benefits:

- Electronic shunt/bypass for open LEDs allows LED strings or arrays to continue to function even if one LED fails as an open circuit.
- The small-footprint SOD-123FL package provides high layout flexibility, making them ideal for dense board applications.
- Device resets automatically if the LED heals itself or is replaced, resulting in lower maintenance and higher reliability.

Availability

Surface mount PLEDxN Series Open LED Protectors are available in tape and reel packaging in quantities of 3,000. Sample requests can be placed through authorized Littelfuse distributors worldwide. For a listing of Littelfuse distributors, please visit Littelfuse.com.

For More Information

Additional information is available on the [PLEDxN Series Open LED Protector product page](#). For technical questions, please contact: Meng Wang, product manager, Open LED Protectors, MWang3@littelfuse.com.

About Littelfuse

Founded in 1927, Littelfuse is the world leader in circuit protection with growing global platforms in power control and sensing. The company serves customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 10,000 employees in more than 40 locations throughout the Americas, Europe and Asia. For more information, please visit Littelfuse.com.

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