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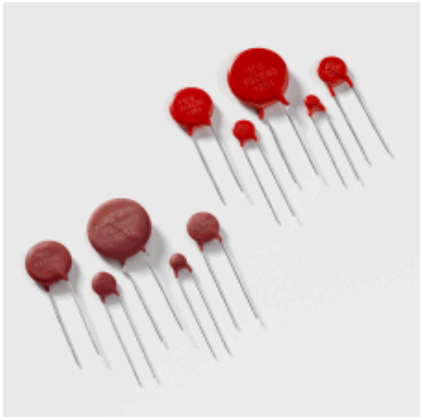
July 2, 2015

Littelfuse Expands Popular LV UltraMOVTM Varistor Series to Serve Applications with Higher DC Voltage and Surge Requirements

Most robust surge rating in the smallest footprint (≥40 percent smaller than other solutions)



CHICAGO, July 2, 2015 - Littelfuse, Inc., the global leader in circuit protection, has expanded its popular LV UltraMOV™ Varistor Series to provide solutions for applications with higher DC voltage and surge requirements. This series, introduced to the market in 2013, originally offered continuous voltage ratings from 14VDC to 56VDC with surge current rating of up to 8kA (8/20?s pulse). The expanded line adds higher continuous voltage ratings from 65VDC to 125VDC, and an enhanced surge current rating of up to 10kA (8/20?s pulse). It combines these higher ratings with the smallest footprint on the market by reducing their size by more than 40 percent over competing solutions. The series is available in disc diameters of 5mm, 7mm, 10mm, 14mm and 20mm. The expanded LV UltraMOV™ Varistor Series provides an ideal circuit protection solution for an eve wider range of DC voltage applications than the original line. The expanded voltage ratings meet the voltage requirement for all telecommunication applications and the enhanced surge current rating ensures more robust surge protection. Applications include telecom power systems, surge protection devices, wireless base stations, automation controls, audio and video devices, security systems and fire alarm systems.

"The enhanced LV UltraMOV™ Varistor Series provides an ideal circuit protection solution for DC voltage applications," said Johnny Chang, product manager for the LV UltraMOV™Series Varistor product line. "The maximum peak surge current can reach up to 10kA to protect against damage from high peak surge current induced by indirect lightning strike interference, system switching and abnormal power surges."

The latest additions to the LV UltraMOV™ Varistor Series offer these key benefits:

- A high peak surge current rating of up to 10kA (8/20µs pulse), which enhances reliability and extends end product lifetime
- A reduction in the footprint and volume required to provide surge protection, which frees up board space for other critical components
- A choice of epoxy or phenolic coatings. The phenolic coating option supports higher operating temperatures up to 125° C.
- A lead-free, halogen-free, and RoHS compliant design enables worldwide compliance to environmental regulations

Availability
LV UltraMOV™ Series Varistors are available in bulk, tape and reel, and ammo packaging. 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 LV UltraMOV™ Varistor Series product page and datasheet. If you have technical questions, please contact: Johnny Chang, Product Manager, LV UltraMOV™ Series Varistor product line, jchang@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 global customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 8,000 employees in more than 35 locations throughout the Americas, Europe and Asia. For more information, please visit the Littelfuse website: littelfuse.com.

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