

Featured Products Bulletin

MULTIFUSE® PTC RESETTABLE FUSES



Bourns® Multifuse® Product Line Announces New High-Current Range of Resettable Fuses

Riverside, California - January 5, 2011 - Bourns, Inc is pleased to announce the introduction of its new [MF-LSMF Series](#) of Multifuse® Polymer PTC Resettable Fuses. This surface mount family of 2920 (7555 metric) sized devices will handle greater voltage and current ratings compared to other Bourns® surface mount models.


The compact Bourns® MF-LSMF Series uses the new freeXpansion™ design that increases the performance of the resettable fuse with:

- Higher hold currents (I_{hold})
- Higher voltages (V_{max})
- Improved resistance stability
- Smaller footprints

This new Bourns® Multifuse® MF-LSMF Series is RoHS* compliant, halogen free** and UL certified for safety requirements. With the greater use of electronics within automotive vehicles, the device is also AEC-Q200 certified.

For further details on these exciting new models, please contact your nearest Bourns representative.

Features

- High power ratings
- Compliant with AEC-Q200 Rev-C- Stress Test Qualification for Passive Components in Automotive Applications
- Low profile
- Compatible with Pb and Pb-free solder reflow profiles
- Surface mount packaging for automated assembly
- Agency recognition: 
- Standard 7555 mm (2920 mils) footprint
- RoHS compliant* and halogen free**

Applications

- Automotive electronics
- Industrial controls
- IEEE ports
- Portable electronics

* RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.

** Bourns is using the definition that appears to be the prevalent definition used as the industry standard at this time.
The Bourns definition of "halogen-free" is:
Bromine (Br) content: ≤ 900 ppm; Chlorine (Cl) content: ≤ 900 ppm; Total Br + Cl content: ≤ 1500 ppm.