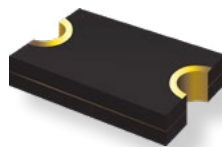


New Product Release

PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces New Low Resistance PPTC Resettable Fuses *Model MF-FSML/X Series*

Riverside, California – May 13, 2019 – The Bourns Multifuse Product Line is pleased to announce the introduction of the new 8V and 6V rated [Model MF-FSML/X series](#) of low resistance surface mount Polymer Positive Temperature Coefficient (PPTC) resettable fuses. The new series includes I_{hold} current ratings from 0.35 A to 1.75 A at the 8 V maximum rated voltage, and I_{hold} current ratings from 2.0 A to 3.0 A at the 6 V maximum rated voltage.

Bourns' low resistance conductive materials used in this new product series have post-trip resistance values as low as 0.05 ohms and initial resistance values as low as 0.003 ohms. Such low resistance values help boost the current carrying capability of the devices. The new Bourns® Model MF-FSML300/6-2 can now offer an industry-leading 3.0 A I_{hold} at 6 V DC in a tiny 0603 package.



The Model MF-FSML/X series utilizes Bourns' innovative freeXpansion™ design that increases the performance of the resettable fuse with:

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

The primary applications for these products include wearables, Li-ion battery packs, motherboards, and portable consumer electronic I/O port protection, and the devices have been designed to protect against both overcurrent and overtemperature events within the designated specifications.

The new Model MF-FSML/X Multifuse® PPTC products are RoHS compliant* and UL/ TÜV recognized for safety requirements, and are produced in Bourns' IATF16949 certified facility in Xiamen, China.

Features

- Surface mount packaging for automated assembly
- 0603 footprint size and low profile for space-constrained mobile applications
- Ultra-low resistance, quick response
- RoHS compliant* and halogen free**
- Agency recognition:  

Applications

- Thermal protection for wearables, Li-ion & polymer battery packs
- PC motherboards – Plug & Play protection
- Mobile phones, PDAs / digital cameras battery & charging protection
- HDMI 1.4 Source protection
- Gaming console port protection

For additional information on Bourns® Multifuse® PPTC Resettable Fuses, please visit www.bourns.com/products/circuit-protection/resettable-fuses-multifuse-pptc. Should you have any questions, please feel free to contact [Customer Service/Inside Sales](#).

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

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.