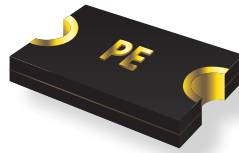


New Product Release

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces New SMD 0805 Size Low Ohmic Resettable Fuses

Model MF-PSML Series

Riverside, California - July 13, 2017 - Bourns is pleased to announce the introduction of the new Model MF-PSML Series of Multifuse® Polymer PTC Resettable Fuses. These 0805 (2012 metric) size surface mount devices are among Bourns' smallest size resettable fuses to use Bourns' new low ohmic PTC material.

The MF-PSML Series has post trip resistance values as low as 25 mOhms and initial resistance values as low as 3 mOhms. Such low resistance values are also helping to boost the current carrying capability of these new devices. Using Model MF-PSML350-2, Bourns can now achieve a 3.5 A I_{hold} in an 0805 package.

The compact MF-PSML Series uses Bourns' freeXpansion™ design which increases the performance of the resettable fuse over conventional designs, with:


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

The new Model MF-PSML Multifuse® devices are RoHS compliant* and UL recognized.

The primary applications for these products are PC motherboard port protection, USB memory modules and wearable devices. These devices have been designed to protect against both overcurrent and overtemperature events up to rated limits within the applications.

For further details on these exciting new models, please contact your nearest [Bourns representative](#).

Features

- Small footprint size (0805) and low profile for space-constrained mobile applications
- Ultra-low resistance
- Symmetrical design
- Surface mount packaging for automated assembly
- RoHS compliant* and halogen free**
- Agency recognition: 

Applications

- USB port protection - USB 2.0, 3.0 & OTG
- HDMI 1.4 Source protection
- PC motherboards - Plug & Play protection
- Mobile phones - Battery & port protection
- PDAs / digital cameras
- Bluetooth® earphone power protection
- Game console port protection

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** 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.

"Bluetooth" is a registered trademark of Bluetooth SIG, Inc.