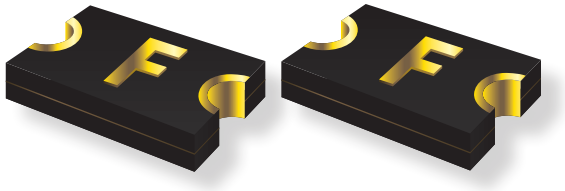
BOURNS®

New Product Release

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns' Multifuse Product Line Announces New SMD High Temperature Resettable Fuses

Model MF-NSHT and MF-USHT Series

Riverside, California - June 30, 2017 - Bourns is pleased to announce the introduction of the new Model MF-NSHT and MF-USHT Series High Temperature Multifuse® Polymer PTC Resettable Fuses. These 1206 and 1210 (3014 and 3024 metric) sized surface mount devices join Bourns' already successful MF-PSHT high temperature SMD series.

Bourns' high temperature materials used in this product family operate up to 125 °C and have been primarily designed for automotive applications. However, with the ongoing trend to increase board density in other areas such as industrial, telecom and consumer electronics, the operating temperature of some electronics is increasing. This makes the miniature size PPTC with an elevated operating temperature ideal for high density boards.

The compact MF-NSHT and MF-USHT Series use Bourns' 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

The new MF-NSHT and MF-USHT series are RoHS compliant*, AEC-Q200 certified for safety requirements and are produced in Bourns' TS16949 approved facility in Xiamen, China.

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

Features

- Compliant with AEC-Q200 Rev-C-Stress Test Qualification for Passive Components in Automotive Applications
- Small footprint size (1206 & 1210)
- Operating temperature range up to 125 °C
- Low thermal derating factor
- Higher hold currents at elevated temperatures
- RoHS compliant*

Applications

- Protection of automotive circuitry including engine control modules
- Overcurrent surge protection of electronic equipment required to operate at high operating temperature ranges
- Resettable fault protection for general electronic equipment

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