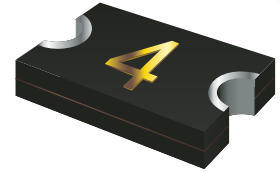




Featured Products Bulletin

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns® Multifuse® Product Line Announces New 0805 Size Family of Resettable Fuses


Riverside, California - August 15, 2007 - Bourns, Inc. is delighted to announce the introduction of its new [MF-PSMF Series](#) of Multifuse® Polymer PTC Resettable Fuses. This 0805 (2012 metric) size surface mount device is now Bourns' smallest size resettable fuse and the smallest PTC on the market. With the continued drive towards miniaturization, Bourns has launched this product family to assist handheld electronic manufacturers in protecting their circuits with the smallest possible resettable fuse.

USB 2.0 makes overcurrent protection a requirement, and a Bourns® Multifuse® Polymer PTC Resettable Fuse is a solution for providing such overcurrent protection. The model MF-PSMF050 has been introduced specifically for USB port protection. The compact MF-PSMF050 has a maximum operating voltage of 6 V, making it suitable for the full voltage range of 4.75 V to 5.25 V and will trip (I_{trip}) at 1.0 A.

The new Multifuse® MF-PSMF Series is both RoHS compliant* and UL certified for safety requirements. The small size means that these PTCs are among the fastest operating PTCs on the market and this series offers devices with operating currents up to 1.1 A.

Please feel free to contact Bourns if you have any questions or comments.

Features

- Compact design to save board space - 0805 footprint
- Small size results in very fast time to react to fault events
- Symmetrical design
- Low profile
- RoHS compliant*
- Agency recognition: 

Applications

- USB port protection - On the Go and 2.0
- PC motherboards - Plug and Play protection
- Mobile phones - Battery and port protection
- PDAs/digital cameras
- Game console port protection