

## New Product Release

MULTIFUSE® PPTC RESETTABLE FUSES



### Bourns' Multifuse Product Line Announces New Models to MF-RG Family of PPTC Resettable Fuses

Riverside, California - April 12, 2017 - Bourns' Multifuse Product Line is pleased to announce the introduction of a series of new part numbers to the already successful **MF-RG** product family of radial through-hole Polymer Positive Temperature Coefficient (PPTC) Resettable Fuses. The Model MF-RG product family offers circuit protection solutions for applications in the automotive, data server, and industrial electronics industries. The additional eight new models will now extend the maximum operating current of the MF-RG series from 3 A to 11 A.

The Model MF-RG products are rated to a maximum operating voltage ( $V_{rms}$ ) of 16 V and exhibit a high-current carrying capability. The key feature of the MF-RG family is the reduced size of the products compared to the existing through-hole products (**MF-R**, **MF-RX**) in the Multifuse® Polymer PTC product portfolio. The smaller size offers a space-saving advantage. In addition, the smaller size reduces the thermal mass of the products, resulting in a faster circuit protection solution.

A second feature is the product family's tighter hold to trip ratio. This enables design engineers to use a device that operates much closer to the fault current of the application, thereby further enhancing the speed of response to an overcurrent event.

The Model MF-RG Multifuse® PPTC products are produced in Bourns' TS16949 approved facility in Xiamen, China. They are RoHS compliant\*, UL recognized for safety requirements, and meet AEC-Q200 compliance standards for passive components.

For further details on these exciting new models, please contact please feel free to contact [Customer Service/Inside Sales](#).

#### Features

- Compliant with AEC-Q200 Rev-C-Stress Test Qualification for Passive Components in Automotive Applications
- Radial leaded devices
- Smaller size for similar  $i_{hold}$  rating
- Faster tripping
- RoHS compliant\* and halogen free\*\*

#### Applications

- Automotive applications
- Where space is limited and fast tripping is required

\* 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.