

New Product Release

PPTC RESETTABLE FUSES



ADVANCE NOTICE

Bourns Multifuse Product Line Announces New High Power Rating Resettable Fuses *Model MF-GSMF Series*

Riverside, California – TO BE RELEASED MAY 17, 2019 – The Bourns Multifuse Product Line is pleased to announce the introduction of its new 3425 (8764 metric) size surface mount MF-GSMF Series of Multifuse® Polymer PTC Resettable Fuses, beginning with model MF-GSMF300/36X-2. The initial model has higher voltage (36 VDC) and hold current (3.0 A) ratings with initial resistance as low as 0.01 ohm.

The new Bourns® MF-GSMF series utilizes Bourns' innovative freeXpansion™ design, increasing the performance of the resettable fuse with:

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

The primary applications for these products include telematics with CAN, Bluetooth, WLAN, GPS and UMTS/LTE, industrial controls, IEEE ports and portable consumer electronic I/O port protection. These devices have been designed to protect against both overcurrent and overtemperature events within the products' designated specifications.

Model	Size (EIA)	I_{hold} (A)	V_{max} (V)	I_{max} (A)	UL Listed	TÜV Listed	RoHS Compliant*	Halogen Free**
MF-GSMF300/36X-2	3425	3.0	36	20	✓	✓	✓	✓

The new Bourns® Multifuse® MF-GSMF Series is RoHS* compliant, halogen free** and cUL/TÜV recognized for safety requirements, and is produced in Bourns' IATF16949 certified facility in Xiamen, China. While the first model being released is MF-GSMF300/36X-2, additional current and voltage ratings can be available upon request.

Features

- High power ratings
- Low profile
- Compatible with Pb and Pb-free solder reflow profiles
- Surface mount packaging for automated assembly
- Standard 8764 mm (3425 mils) footprint
- RoHS compliant* and halogen free**
- Agency recognition: 

Applications

- Telematics with CAN, Bluetooth, WLAN, GPS and UMTS/LTE.
- Industrial controls
- IEEE ports
- Portable electronics

*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.

MF1929

Bourns Multifuse Product Line Announces New High Power Rating Resettable Fuses - Model MF-GSMF Series

TO BE RELEASED MAY 17, 2019

Page 2 of 2

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