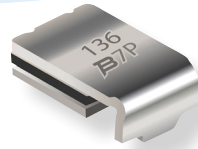




PRODUCT EXTENSION RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces the Model MF-SMHT High Temperature PPTC Resettable Fuse Series Extension

Riverside, California – May 9, 2024 – The Bourns Multifuse Product Line is pleased to announce the extension of its [Model MF-SMHT](#) High Temperature Surface Mount Polymeric Positive Temperature Coefficient (PPTC) Resettable Fuse Series. The new Model MF-SMHT300 expands the series' hold current range from 1.36 A ~ 3.0 A.

Model	Size (EIA)	I _{hold} (A)	V _{max} (V _{DC})	I _{max} (A)	RoHS Compliant*	Halogen Free**	AEC-Q200 Compliant
MF-SMHT300	3425	3.0	16	100	✓	✓	✓

The new Model MF-SMHT300 Multifuse® PPTC Resettable Fuse is RoHS compliant* and is produced in Bourns' IATF 16949 certified facility.

Features

- Compliant with AEC-Q200 Rev-E Stress Test Qualification for Passive Components in Automotive Applications
- Operating temperature range from -40 °C to +125 °C
- Low thermal derating factor
- High power ratings with higher hold currents at elevated temperatures
- Surface mount packaging for automated assembly
- RoHS compliant* and halogen free**

Applications

- Protection of various automotive circuitries
- Overcurrent surge protection of electronic equipment operating in elevated temperatures
- Resettable fault protection of general electronic equipment
- Communication and security systems
- Body electronics
- Climate control systems

For additional information, please visit the Bourns website at www.bourns.com. Additional resources are available in the Bourns® Multifuse® PPTC Resettable Fuse Technical Library at www.bourns.com/resources/technical-library/library-documents/multifuse-pptc-resettable-fuses-technical-library. Should you have any questions, please feel free to contact [Customer Service/Inside Sales](#).

* 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.

MF2403