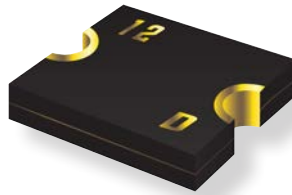


NEW PRODUCT RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces New High Temperature PPTC Resettable Fuses *Model MF-MSHT Series*

Riverside, California – February 5, 2021 – The Bourns Multifuse Product Line is pleased to announce the release of the new [Model MF-MSHT Series](#) High Temperature Surface Mount Polymer Positive Temperature Coefficient (PPTC) Resettable Fuses. The new series provides I_{hold} current ratings from 0.20 A to 1.75 A at the 9 V ~ 42 V maximum rated voltage and a maximum operating temperature up to +125 °C.

The addition of the new Model MF-MSHT series provides a broader standard high temperature PPTC offering to customers with high working temperature and power rating requirements. The new Bourns® Model MF-MSHT series utilizes Bourns' innovative freeXpansion™ design that increases the performance of the resettable fuse with:

- Higher hold current ratings (I_{hold})
- Higher maximum voltage ratings (V_{max})
- Improved resistance stability
- Smaller footprints

Series	Size (EIA)	I_{hold} (A)	I_{max} (A)	V_{max} (V)	Operating Temperature	RoHS Compliant*	Agency Recognition
MF-MSHT	1812	0.20 – 1.75	40	9 ~ 42	-40 °C to +125 °C	Yes	cUL and TÜV

The new model MF-MSHT series Multifuse® PPTC products are RoHS compliant* and are produced in Bourns' IATF 16949 certified facility in Xiamen, China.

Features

- Operating temperature range up to +125 °C
- Higher hold currents at elevated temperatures
- Low thermal derating factor
- Standard 1812 footprint size with low profile for space-constrained applications
- RoHS compliant*
- cUL and TÜV recognized



Applications

- Overcurrent surge protection of electronic equipment required to operate at high operating temperature ranges
- Robust resettable fault protection for industrial transportation, communication, security and consumer electronic equipment

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

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.