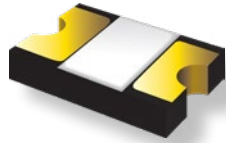




PRODUCT EXTENSION RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces Expansion of MF-ASML/X Series Low Resistance PPTC Resettable Fuses

Riverside, California - January 21, 2020 - The Bourns Multifuse Product Line is pleased to announce the expansion of its [MF-ASML/X series](#) of low resistance surface mount Polymer Positive Temperature Coefficient (PPTC) resettable fuses. The new models include I_{hold} current ratings of 0.10 A and 0.20 A at 6 V maximum rated voltage.

Bourns' proprietary low resistance conductive materials used in these two new models have post trip resistance values as low as 1.6 ohms and initial resistance values as low as 0.1 ohms. Such low resistance values help boost the current carrying capability of the devices. The expanded MF-ASML/X model family can now achieve a low 0.1 A I_{hold} at 6 Vdc in a tiny 0402 package (Model MF-ASML010/6-2).

The tiny MF-ASML/X model family utilizes Bourns' innovative freeXpansion™ design that increases the performance of the resettable fuse with higher hold currents (I_{hold}), higher voltages (V_{max}), improved resistance stability, and smaller footprints. The primary applications for these products include wearables, Li-ion battery packs, motherboards, 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-ASML010/6-2	0402	0.10	6	50	✓	✓	✓	✓
MF-ASML020/6-2	0402	0.20	6	50	✓	✓	✓	✓



The new Model MF-ASML/X Multifuse® PPTC products are RoHS compliant* and cUL/ TÜV recognized for safety requirements, and are produced in Bourns' IATF 16949 certified facility in Xiamen, China. Features and applications are listed on the next page.

For additional information on Bourns® Multifuse® PPTC Resettable Fuses, please visit the Bourns website at 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.

** 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.

Features

- Surface mount packaging for automated assembly
- Tiny footprint size (0402) and low profile for space-constrained mobile applications
- Ultra-low resistance, quick response
- RoHS compliant* and halogen free**
- Agency recognition:  

Applications

- Overcurrent and thermal protection for:
 - Wearable and mobile devices
 - Li-ion battery pack charging
 - I/O ports
 - PC motherboards
 - Game consoles

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