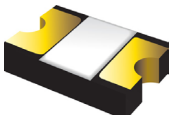
BOURNS®

NEW PRODUCT RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Releases New Low Resistance PPTC Resettable Fuses

MF-ASMF Series

Riverside, California - October 1, 2026 – The Bourns Multifuse product line is releasing the new MF-ASMF Series. These ultra-small, surface mount PPTC resettable fuses are miniaturized, low resistance resettable fuses for modern portable electronics.

The latest additions offer a small 0402 (0.04 x 0.02-inch) size, with a hold current (I_{hold}) range of 0.05 A - 0.10 A and a maximum voltage (V_{max}) range of 6 VDC - 9 VDC.

Model	V_{max}	I_{max}	I_{hold}	I_{trip}	Resistance at 23 °C Ohms		Max. Time to Trip at 23 °C		Tripped Power Dissipation at 23 °C Watts	Agency Recognition	
	Volts	Amps	at 23 °C Amps		R_{min}	R_{1max}	Amps	Seconds	Typ.	cUL	TÜV
MF-ASMF005X	9	50	0.05	0.15	2.8	25.0	0.25	1.0	0.3	E174545	R50256634
MF-ASMF008X	6	50	0.08	0.24	2.0	12.0	0.4	1.0	0.3	E174545	R50256634
MF-ASMF010X	6	50	0.10	0.30	1.4	8.0	0.5	1.0	0.3	E174545	R50256634

Features

- Compact design to save board space (0402 footprint)
- Swift time-to-trip (TTT) for safeguarding against overcurrent events
- Excellent solderability with ENIG terminal
- Symmetrical design and low profile of 0.6 mm
- Agency recognition: c UL us, TÜV
- TÜV certifications cover IEC 62319-1, IEC 60738-1, and IEC 60730-1:2013, encompassing clause 15, clause 17, and Annex J
- RoHS compliant* and halogen free**

Applications

- Overcurrent protection for small Li-ion and polymer battery circuits in wearable devices
- I/O and signal line protection in PC motherboards
- Protection for low power battery and charging circuits in mobile devices
- Sensing circuit protection
- Interface protection for handheld and portable gaming devices
- Protection for electronic reading devices, digital cameras and other portable electronics

For additional details, please visit www.bourns.com or contact Bourns Customer Service/Inside Sales.

Additional Information

DATA SHEET | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT | FOLLOW

** 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.*

MF2610

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