

Design Kit Release

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Releases New Low Ohmic Multifuse® PPTC Resettable Fuse Design Kits

Riverside, California - November 9, 2017 - Bourns is pleased to announce the release of four new low ohmic Multifuse® PPTC Resettable Fuse Design Kits. They include Models [MF-NSML-LAB1](#), [MF-NSML-LAB2](#), [MF-USML-LAB1](#), and [MF-USML-LAB2](#).

These new Design Kits contain low ohmic polymer PTC (PPTC) resettable fuses that provide engineers with a variety of overcurrent and overtemperature protection solutions in small 1206 and 1210 footprints across a range of I_{hold} values and resistance levels for quick-turn prototype testing.

Low ohmic PPTC resettable fuses are ideal for overcurrent and overtemperature protection in handheld consumer electronics, gaming consoles, PC motherboards, lithium-ion battery packs, and I/O ports. These low resistance PPTCs are produced and tested at Bourns' IATF16949 certified factory and are RoHS compliant*, halogen free**, and UL listed.

| Design Kit | Component Series Included | Footprint (mils) | Rated Voltage (Volts) | Rated Current (Amps) | I _{hold} (Amps) | R1 Max. (Ohms) |
|--------------|---------------------------|------------------|-----------------------|----------------------|--------------------------|----------------|
| MF-NSML-LAB1 | MF-NSML Series | 1206 | 6 | 50 | 1.5 - 3.8 | 0.065 - 0.014 |
| MF-NSML-LAB2 | MF-NSML Series | 1206 | 6 | 50 | 4.0 - 6.0 | 0.014 - 0.01 |
| MF-USML-LAB1 | MF-USML Series | 1210 | 6 | 50 | 1.75 - 3.0 | 0.04 - 0.018 |
| MF-USML-LAB2 | MF-USML Series | 1210 | 6 | 50 | 3.5 - 7.0 | 0.018 - 0.0135 |

Please visit the Bourns website at www.bourns.com for additional product details. Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** 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.