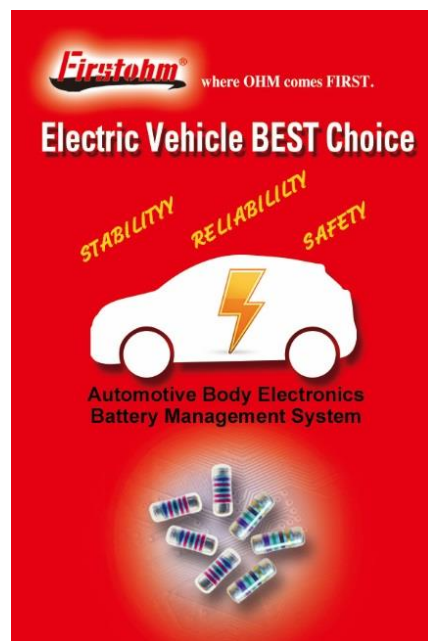


A good Battery Management System(BMS) is not only balancing cells in the pack but also provides protections from unexpected damaged in order to maintain a healthy battery pack to achieve longer cycle life.

Firstohm MELF resistors have below key features can achieve longer cycle life with safety, stability and reliability, are not only For Battery Management System but also for all automotive Body Electronics.

MELF RESISTORS FEATURES :

- . AEC-Q200 Compliant
- . Mechanical strength against vibration & thermal shock
- . Excellent Thermal Dissipation
- . Long-term Performance Stability
- . High Precision and Stability
- . Lower Current Noise at low resistance range



Items	Power Rating	Ohm Range	Tolerance
CSM - Current Sense MELF Resistor	1/4W ~ 3W	10mR ~ 510mR	±1% ~ ±5%
EFP - Enhanced Film Power MELF Resistor	1/2W ~ 5W	0R51 ~ 10M	±0.5% ~ ±5%
MMPV - Metal Film MELF Precision Resistor	1/6W ~ 1/2W	10R ~ 1M	±0.1%, ±0.25%, ±0.5%
SFPV - Stabilized Film Power MELF Resistor	1/2W ~ 3W	0R5 ~ 10M	±0.5% ~ ±5%
SRM - Surge Resistant MELF Resistor	1/4W ~ 3W	0R1 ~ 1M	±1% ~ ±5%
SWM - Anti-Surge Wire Wound MELF Resistor	1W ~ 4W	0R1 ~ 1.5K	±5%

★ SRM Resistor passed **VDE0860** safety test equivalent to **EN60065** under license number 40043961.

