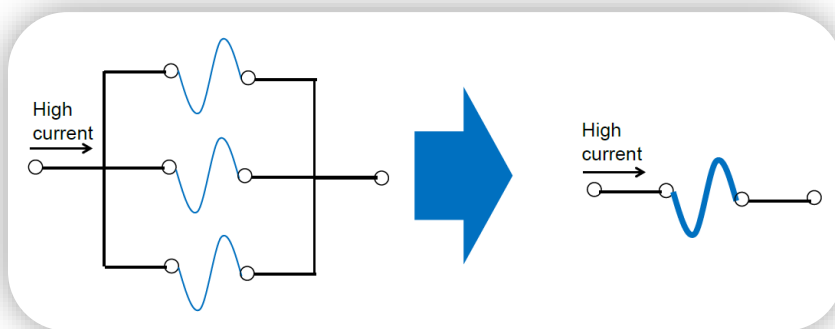
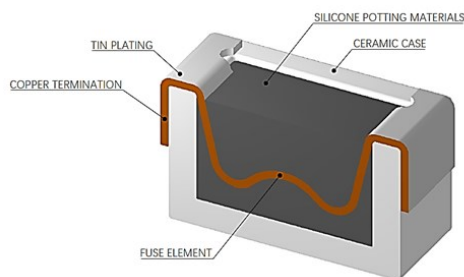


AEM Components_Technology Platform

CMF High-Power Surface Mount Chip Fuses



Robust Construction at Best-in-Class Safe Power Density



The CMF high-power surface mount fuses build on AEM advanced manufacturing technology. The solid, robust structure assures reliable operation in environments where temperature cycling and high mechanical vibration are present. The devices singular fuse link/terminal construction eliminates problems that occur with traditional ceramic tube interconnection techniques

CMF High-Power Fuse Features:

- Thermal simulation on critical fuse element design with optimized & safe fuse performances
- Standardized 2822 & 2840 footprint / miniaturized package for current rating from 20A to 200A
- 100% interconnection reliability with single piece of metal functioning as fuse link and surface mount terminations
- Low DC resistance (DCR) – Minimizes excessive power loss
- Automotive grade with AEC-Q200 Rev E qualification
- High interrupting ratings – for excellent inrush current capability

CMF High Power Fuse Applications:

- Drones
- Power tools
- Energy storage
- Power distribution units
- AI, data center, server and cloud systems
- UPS/Routers
- EV, BMS and battery
- E-Bike