

407A SMD Ceramic Fuse Series

AEC-Q200 Compliant, 1206 Time-Lag (High I²t)

Problem/Solution

Once exposed to repeated over-temperature conditions, infotainment devices may no longer perform properly, and can begin to draw increasingly higher current to maintain functionality. With enough components in a system's design become degraded, higher inrush currents may occur.

The 407A Series is a relatively high I²t fuse that can help protect infotainment systems from the hazards of high inrush current and surge current. The 407A series is AEC-Q200 compliant and allows these fuses to use in demanding automotive environments. The high I²t also minimizes nuisance openings.

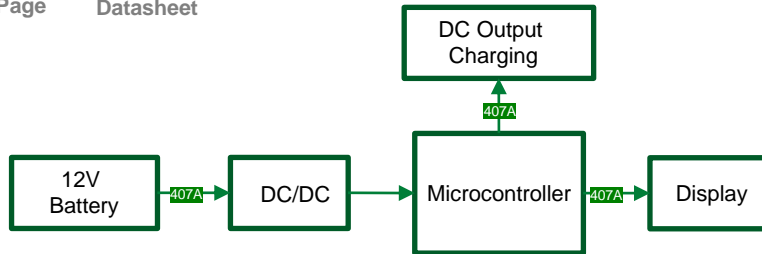
Technical resources *(Click on below icons to learn more)*



Series Page



Datasheet

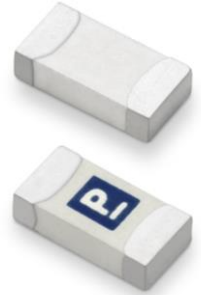


Benefits

- Minimizes the possibility of nuisance openings due to high inrush and surge current
- Wider temperature range offerings
- Environmentally friendly
- Flexible manufacturing options

Features

- High I²t values
- Operating Temperature: -55 to 150° C
- 100% Lead-Free, RoHS compliant, and Halogen Free
- Suitable for both leaded and lead-free reflow/wave soldering
- AEC-Q200 compliant



Markets/Applications

- Infotainment
- Li-Ion battery
- LED lighting
- Battery Management System (BMS)
- Automotive Navigation System (ANS)
- Cluster

