

High I²t Chip™ Fuse Withstands High Inrush Currents in a 0603 Package

Specify with Confidence

- **Performance**

The Cooper Bussmann® CC06H Series features high melting I²t ratings with a solid matrix construction so you can maximize short-circuit performance while avoiding nuisance openings due to inrush currents or cycling conditions.

- **Extensive Offering**

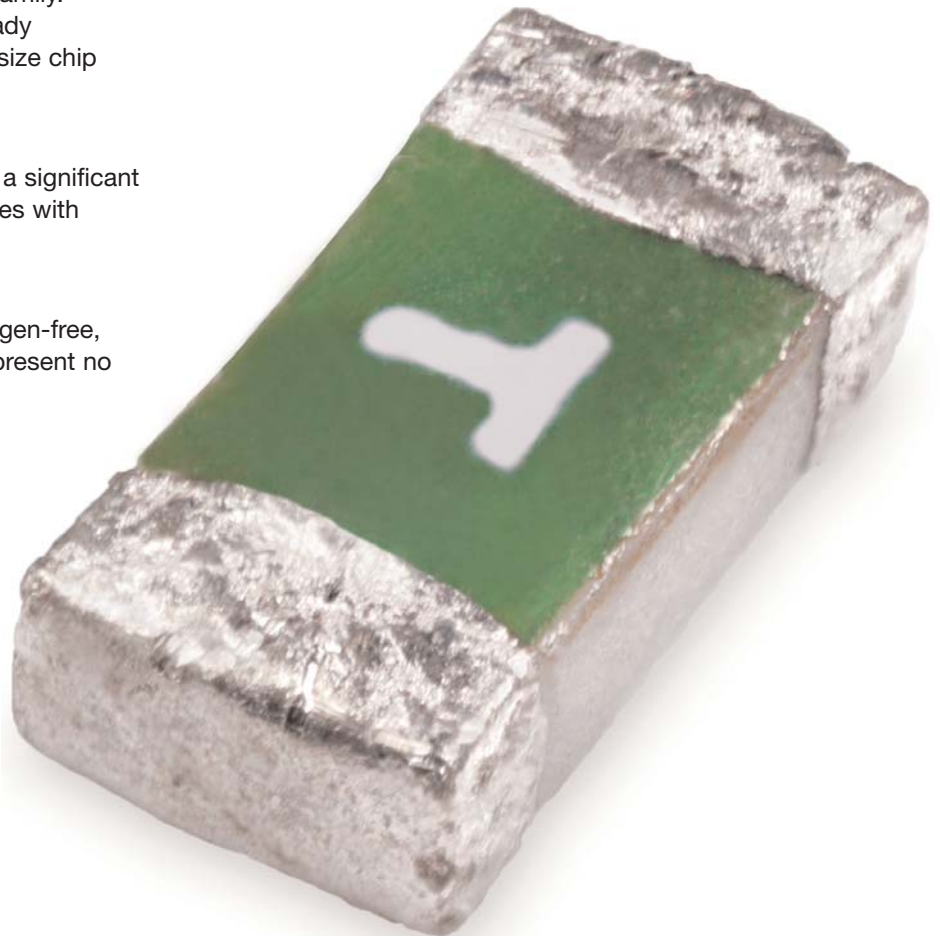
The CC06H is the latest offering in the Cooper Bussmann high-inrush Chip™ Fuse family. The new CC06H Series joins an already extensive offering of 0603 and 1206 size chip fuses from Cooper Bussmann.

- **Space Saving**

This compact SMD Chip Fuse offers a significant space savings over other SMD devices with similar inrush performance.

- **Environmentally Friendly**

The full line of CC06H fuses are halogen-free, lead-free and RoHS compliant, and present no disposal issues at end of life.

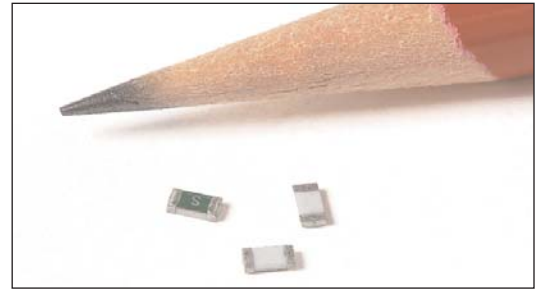


Cooper Bussmann® CC06H Series Chip Fuse Specifications

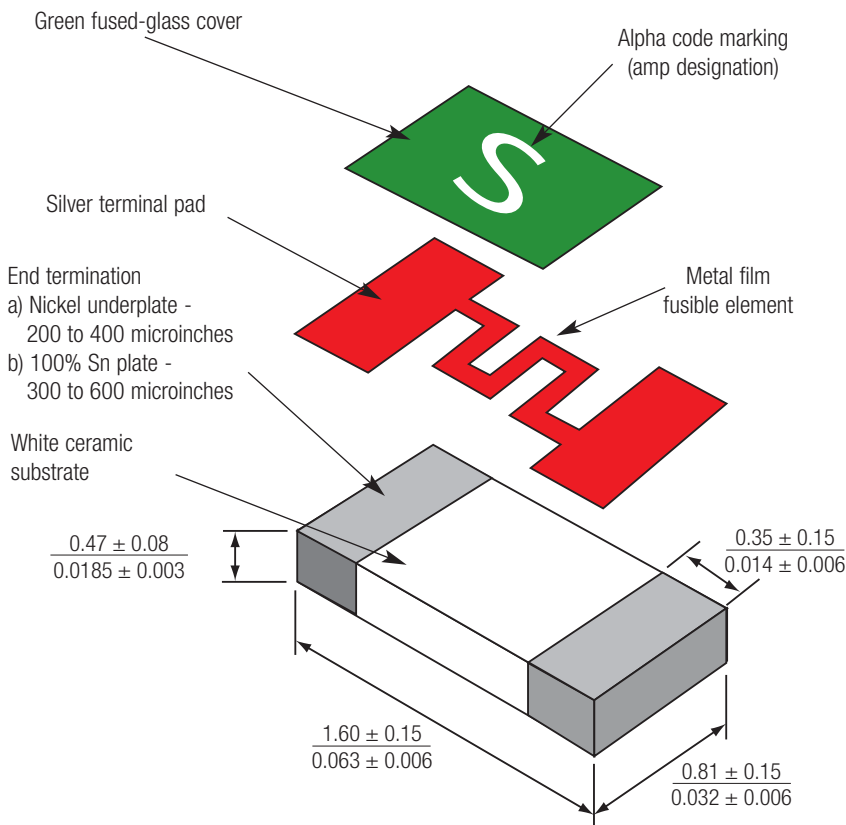


Catalog Symbol: CC 06 H 1A -TR
 Fuse Series | 0603 Footprint | High Inrush | Packaging Code | Amp Rating

Technology: Metal film fusible element
Rated Voltage: 32Vdc (1-5A)
Interrupting Ratings: 50A (1-5A)



Product Construction & Dimensions - mm/inches



Application Notes

High inrush currents are often linked to the initial powering up of an electronic device. The high I²t values of the Cooper Bussmann CC06H allow the end user to avoid nuisance openings from high inrush currents and provides additional protection against uncertain current surges from the system. The CC06H allows maximum protection without oversizing of the fuse rating. In addition, the solid matrix construction of the CC06H provides the end user with rugged cycling performance throughout the life of the equipment.

This environmentally friendly and cost-effective SMD product provides a compact solution for high inrush currents and joins a strong line-up of Chip Fuses from Cooper Bussmann.

Typical Applications

- LCD backlight inverters
- Digital cameras
- DVD players
- Bluetooth headsets
- Battery packs

Electrical Characteristics

Amp Rating	% of Amp Rating	Opening Time
1-5A	100%	4 Hours Minimum
1-5A	200%	1-60 Seconds
1-5A	250%	5 Seconds Maximum

Order samples online - www.cooperbussmann.com