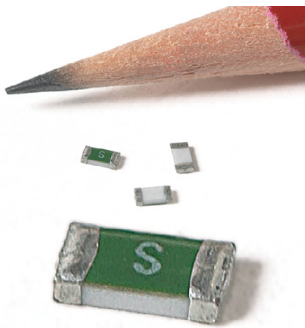


High I²t Chip fuse withstands high inrush currents in a 1206 (3216 metric) package



The compact CC12H offers a significant space savings over other larger SMD devices with similar performance.

Product description:

Eaton's Bussmann® series CC12H SMD fuses provides excellent inrush withstand performance coupled with the cycling advantages of a ceramic solid matrix construction.

The CC12H is a cost-effective solution for applications in which high inrush currents and/or on-off cycling are present.

The CC12H allows maximum protection without oversizing of the fuse rating.

Features and benefits:

- High inrush withstand capability.
- AEC-Q200 Grade 1 qualified (750 mA to 20 A versions)
- cURus recognized
- Compact 1206 (3216 metric) design utilizes less board space.
- RoHS compliant, lead free and halogen free construction
- Operating temperature of -55 °C to +125 °C (with derating) (250 mA to 15 A versions) ensuring protection in harsh climates.
- The high I²t values of allows the end user to avoid nuisance openings from high inrush currents and provides additional protection against uncertain current surges from the system.

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Powering Business Worldwide

Specifications

Ratings:

- Voltage rating DC: 32 V to 63 V
- Current rating: 0.25 A to 30 A
- Interrupting rating: 50 A to 200 A

Agency information:

- cURus recognition: File E19180, Guide JDYX2/JDYX8
- AEC-Q200 qualified: (750 mA to 20 A versions)
- RoHS compliant
- REACH declaration available upon request

Packaging and ordering information:

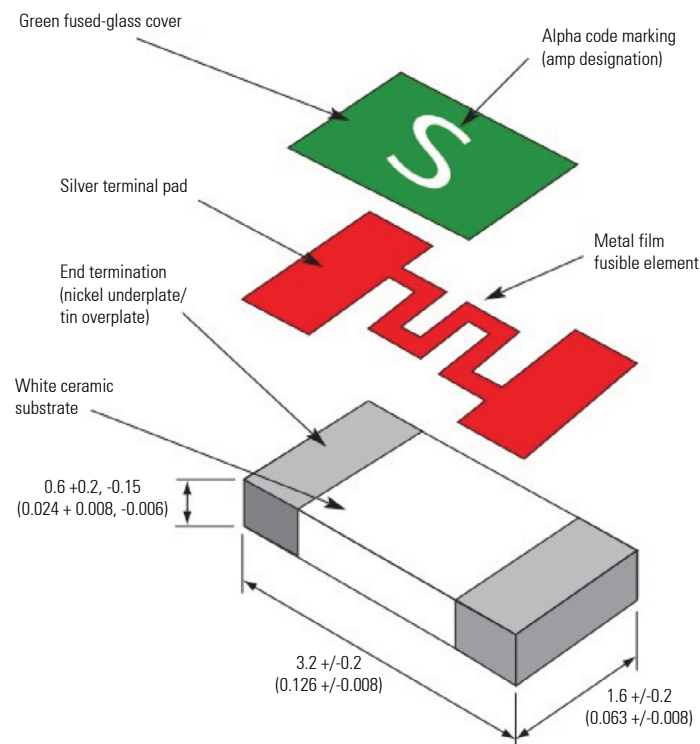
- -TR (3000 parts on a 7" reel, tape width 8 mm)

Ordering Code	
Part Number	-TR option
CC12H250mA	CC12H250mA-TR
CC12H375mA	CC12H375mA-TR
CC12H500mA	CC12H500mA-TR
CC12H750mA	CC12H750mA-TR
CC12H1A	CC12H1A-TR
CC12H1.5A	CC12H1.5A-TR
CC12H2A	CC12H2A-TR
CC12H2.5A	CC12H2.5A-TR
CC12H3A	CC12H3A-TR
CC12H3.5A	CC12H3.5A-TR
CC12H4A	CC12H4A-TR
CC12H4.5A	CC12H4.5A-TR
CC12H5A	CC12H5A-TR
CC12H6A	CC12H6A-TR
CC12H7A	CC12H7A-TR
CC12H8A	CC12H8A-TR
CC12H10A	CC12H10A-TR
CC12H12A	CC12H12A-TR
CC12H15A	CC12H15A-TR
CC12H20A	CC12H20A-TR
CC12H25A	CC12H25A-TR
CC12H30A	CC12H30A-TR

Electrical characteristics:

Amp Rating	% of Amp Rating	Opening Time
250 mA – 30 A	100%	4 hours minimum
1 A – 3 A	200%	1 s – 60 s
25 A – 30 A	200%	120 s max
1 A – 5 A	250%	5 s max
1 A – 5 A	300%	0.1 s – 3 s
250 mA – 750 mA	350%	5 s max
6 A – 20 A	350%	5 s max
250 mA – 500 mA	1000%	0.01 ms – 1 ms
750 mA – 30 A	1000%	0.2 ms – 20 ms

Construction and dimensions mm (in):



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