

0603SFS100F/32-2 - 0603SFS Series



Series: 0603SFS Questions? Contact Littelfuse Support

Fuse 0603SFS Datasheet Fuse 0603SFS100F Product Specification

Available in industry standard 1206 and 0603 chip sizes, Littelfuse’s slow-blow chip fuses help provide overcurrent protection on systems that experience large and frequent current surges as part of their normal operation (at voltages up to 63 V_{DC}).

The slow-blow chip fuse’s monolithic, multilayer design helps provide some of the highest current ratings available in the 1206 and 0603 footprints and enhances high-temperature performance in a wide range of circuit protection designs. The devices’ small size, high reliability and strong arc suppression characteristics make them suitable for overcurrent protection of power supplies, capacitor filter banks, Liquid Crystal Display (LCD) backlight inverters, electric motors and portable electronics.

Benefits:

- Time-delayed design prevents nuisance openings in pulsed and high inrush current applications
- Small size with high-current ratings
- Strong arc suppression characteristics

Features:

- Lead-free materials and RoHS compliant
- Halogen free
- High-temperature performance
- -55°C to +125°C operating temperature range

Applications:

- Small motors systems
- Portable electronics
- Input power ports
- Power over Ethernet (PoE)
- Test equipment
- POL converter protection
- Computer drives
- Displays
- Printers

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Electrical Characteristics		Technical Resources	
Property (Mouseover for details)		Value	
Ampere Rating (A)		1	
Nominal Melting I²T (A²sec)		0.093	
Max Operating Temp (°C)		125	
Nominal Cold Resistance (Ohms)		0.2	
Interrupt Current (Max) AMP		50	
Package Size		0603	

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