

# New Brick™ Fuse Offers Fast-Acting Performance and Protection Against Inrush Currents

## The 6125FF Series Offers Reliable Protection in a Compact SMD Package

### 1. Wide Selection

The 6125FF series is available in ratings from 250mA up to 15A providing a wide range of solutions for applications requiring Fast-Acting performance. For Time-Delay performance, Cooper Bussmann also offers the 6125TD Series.

### 2. Superior Inrush Withstand Performance

Provides top notch protection against nuisance openings. The spiral wound element makes this fuse ideal for applications in which inrush currents are a consideration.

### 3. Protection up to 125V

6125FF fuses offer 50A interrupting rating for voltages of 125AC and 72DC and 300A for voltages of 32DC.

### 4. Wire-In-Air Construction

The 6125FF utilizes a spiral wound element surrounded by air to provide superior protection against inrush currents. This durable SMD fuse stands up to the toughest mechanical and environmental conditions.

### 5. Space Savings

The compact SMD Brick™ Fuse offers a significant space savings over traditional thru-hole devices. The small footprint is ideal for space sensitive applications.

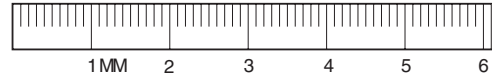


# 6125FF Series Brick™ Fuse Specifications



Catalog Symbol: 6125FF250-R thru 15-R

Technology: Wire-In-Air Brick™ Fuse

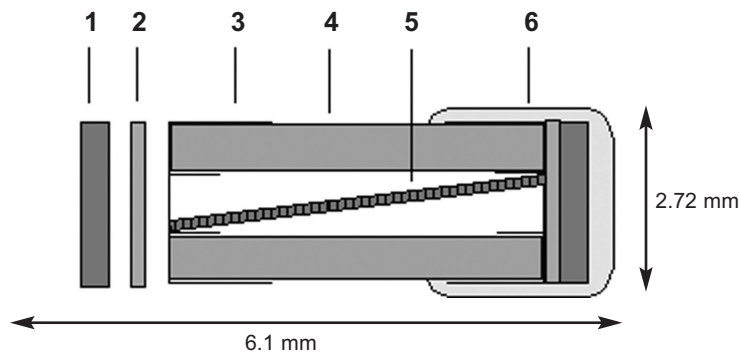


### Electrical Characteristics:

Fuses will carry 100% rated current for minimum of 4 hours.  
 Fuses will carry 200% rated current for maximum of 5 seconds.

The 6125FF Brick™ Fuse provides excellent fast-acting performance and reliable protection against inrush currents. The wide selection offers solutions up to 15A. Ideal for space sensitive applications, the small SMD package saves valuable board space over traditional thru-hole devices. It can be used to replace certain subminiature fuses in applications with voltages up to 125VAC.

### Product Dimensions (mm):



1. End plate
2. High temperature solder preform
3. Metallization of ceramic body
4. Ceramic body
5. Fuse element
6. End termination overcoat on both ends

### Typical Applications:

- LCD TV (Backlight Inverters)
- PDP TV
- Power Supplies
- Telecom
- Desktops (VRM)
- Notebooks
- Lighting

Interrupting Rating	Rated Voltage	
	VAC	VDC
50A	125	72
300A	N/A	32

Our mission is to be the first choice for target customers seeking application specific power management and protection solutions in the Digital Home & Office and Mobile Electronics world.



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