

# Type FCF / FCF-P

## Fast Acting Ceramic Tube Fuse

### 3.6mm x 10 mm



www.optifuse.com

(619) 593-5050

Agency Standards and Listings:



Physical Specifications:

Fuse Type: 3.6 Ø x 10mm

Materials:

Ceramic Body

Lead Wire:

Diameter Ø 0.6mm – 7A and less

Diameter Ø 0.8mm – 8A to 15A

Electrical Characteristics

| Rated<br>Current | 100% | 200% |
|------------------|------|------|
|                  | Min  | Max  |
| 100mA ~ 8A       | 4h   | 5s   |

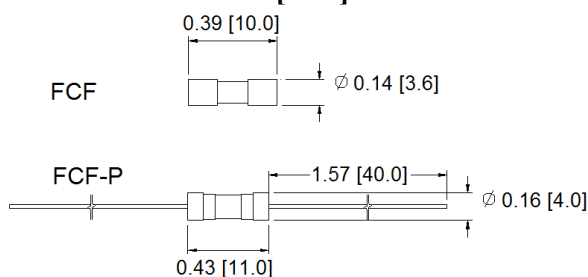
Interrupting Ratings

50A at 250V AC

Operating Temperatures

-55°C to +125°C

Dimensions: Inches [mm]



| Cartridge Part No. | Axial Lead Part No. | Ampere Rating | Voltage Rating (V) | Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec |
|--------------------|---------------------|---------------|--------------------|-----------------------------------------------------|
| FCF-100mA          | FCF-P-100mA         | 100mA         | 250V               | 0.001375                                            |
| FCF-125mA          | FCF-P-125mA         | 125mA         |                    | 0.001763                                            |
| FCF-150mA          | FCF-P-150mA         | 150 mA        |                    | 0.004396                                            |
| FCF-160mA          | FCF-P-160mA         | 160 mA        |                    | 0.004689                                            |
| FCF-200mA          | FCF-P-200mA         | 200mA         |                    | 0.005861                                            |
| FCF-250mA          | FCF-P-250mA         | 250mA         |                    | 0.01093                                             |
| FCF-300mA          | FCF-P-300mA         | 300mA         |                    | 0.07196                                             |
| FCF-315mA          | FCF-P-315mA         | 315mA         |                    | 0.08236                                             |
| FCF-350mA          | FCF-P-350mA         | 350mA         |                    | 0.09546                                             |
| FCF-375mA          | FCF-P-375mA         | 375mA         |                    | 0.11720                                             |
| FCF-400mA          | FCF-P-400mA         | 400mA         |                    | 0.13890                                             |
| FCF-500mA          | FCF-P-500mA         | 500mA         |                    | 0.09975                                             |
| FCF-600mA          | FCF-P-600mA         | 600mA         |                    | 0.1354                                              |
| FCF-630mA          | FCF-P-630mA         | 630mA         |                    | 0.1422                                              |
| FCF-750mA          | FCF-P-750mA         | 750mA         |                    | 0.1956                                              |
| FCF-800mA          | FCF-P-800mA         | 800mA         |                    | 0.2463                                              |
| FCF-1A             | FCF-P-1A            | 1A            |                    | 0.3606                                              |
| FCF-1.2A           | FCF-P-1.2A          | 1.2A          |                    | 0.5181                                              |
| FCF-1.25A          | FCF-P-1.25A         | 1.25A         |                    | 0.5728                                              |
| FCF-1.5A           | FCF-P-1.5A          | 1.5A          |                    | 0.8601                                              |
| FCF-1.6A           | FCF-P-1.6A          | 1.6A          |                    | 1.115                                               |
| FCF-2A             | FCF-P-2A            | 2A            |                    | 2.189                                               |
| FCF-2.25A          | FCF-P-2.25A         | 2.25A         |                    | 2.463                                               |
| FCF-2.5A           | FCF-P-2.5A          | 2.5A          |                    | 1.911                                               |
| FCF-3A             | FCF-P-3A            | 3A            |                    | 3.420                                               |
| FCF-3.15A          | FCF-P-3.15A         | 3.15A         |                    | 3.833                                               |
| FCF-3.5A           | FCF-P-3.5A          | 3.5A          |                    | 5.155                                               |
| FCF-4A             | FCF-P-4A            | 4A            |                    | 5.891                                               |
| FCF-5A             | FCF-P-5A            | 5A            |                    | 9.401                                               |
| FCF-6A             | FCF-P-6A            | 6A            |                    | 16.34                                               |
| FCF-6.3A           | FCF-P-6.3A          | 6.3A          |                    | 20.59                                               |
| FCF-7A             | FCF-P-7A            | 7A            |                    | 26.03                                               |
| FCF-8A             | FCF-P-8A            | 8A            |                    | 30.86                                               |
| FCF-9A             | FCF-P-9A            | 9A            |                    | 46.89                                               |
| FCF-10A            | FCF-P-10A           | 10A           |                    | 59.32                                               |
| FCF-12A            | FCF-P-12A           | 12A           |                    | 92.27                                               |
| FCF-15A            | FCF-P-15A           | 15A           |                    | 243.7                                               |

Note: All specifications subject to change without notice.

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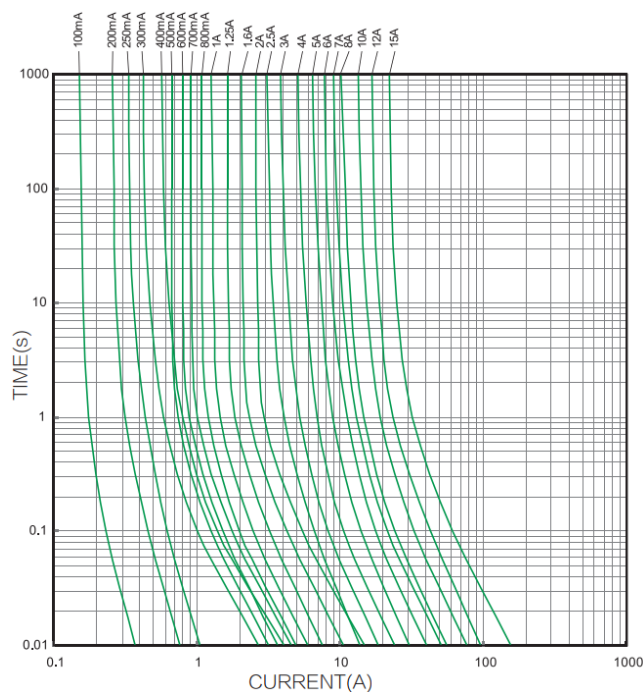
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**PART NUMBER FCF/FCF-P**  
**TIME CURRENT CURVES**



**Warning:**



- Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.
- Micro Fuse device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.
- Avoid contact of Fuse device with chemical solvent. Prolonged contact will damage the device performance.