

# Type TCF / TCF-P Time-Lag Ceramic Tube Fuse 3.6mm x 10 mm



www.optifuse.com (619) 593-5050

### Agency Standards and Listings:

UL Listed 100mA ~ 800mA, 2.5A ~10A  
CSA Certified 100mA ~ 800mA



### Physical Specifications:

Fuse Type: 3.6 Ø x 10mm

Materials:

Ceramic Body / Nickel Brass Caps

Lead Wire:

Diameter Ø 0.6mm – < 8A

Diameter Ø 0.8mm – ≥ 8A

### Electrical Characteristics

Rated Current	100%	200%
	Min	Max
100mA ~ 5A	4h	60s

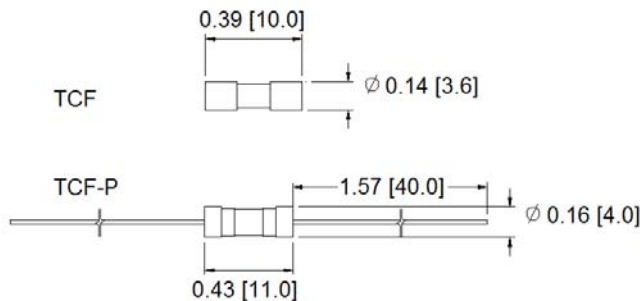
### Interrupting Ratings

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
TCF-100mA	TCF-P-100mA	100mA	250V	0.02127
TCF-125mA	TCF-P-125mA	125mA		0.02058
TCF-150mA	TCF-P-150mA	150mA		0.04566
TCF-160mA	TCF-P-160mA	160mA		0.04362
TCF-200mA	TCF-P-200mA	200mA		0.07841
TCF-250mA	TCF-P-250mA	250mA		0.1531
TCF-300mA	TCF-P-300mA	300mA		0.2431
TCF-315mA	TCF-P-315mA	315mA		0.2107
TCF-350mA	TCF-P-350mA	350mA		0.5416
TCF-375mA	TCF-P-375mA	375mA		0.5196
TCF-400mA	TCF-P-400mA	400mA		0.4975
TCF-500mA	TCF-P-500mA	500mA		0.7752
TCF-600mA	TCF-P-600mA	600mA		0.9302
TCF-630mA	TCF-P-630mA	630mA		1.623
TCF-750mA	TCF-P-750mA	750mA		1.508
TCF-800mA	TCF-P-800mA	800mA		0.4494
TCF-1A	TCF-P-1A	1A		0.8224
TCF-1.2A	TCF-P-1.2A	1.2A		1.548
TCF-1.25A	TCF-P-1.25A	1.25A		1.612
TCF-1.5A	TCF-P-1.5A	1.5A		2.534
TCF-1.6A	TCF-P-1.6A	1.6A		2.940
TCF-2A	TCF-P-2A	2A		5.579
TCF-2.25A	TCF-P-2.25A	2.25A		6.276
TCF-2.5A	TCF-P-2.5A	2.5A		3.375
TCF-3A	TCF-P-3A	3A		5.342
TCF-3.15A	TCF-P-3.15A	3.15A		5.854
TCF-3.5A	TCF-P-3.5A	3.5A		7.045
TCF-4A	TCF-P-4A	4A		11.06
TCF-5A	TCF-P-5A	5A		18.64
TCF-6A	TCF-P-6A	6A		29.38
TCF-6.3A	TCF-P-6.3A	6.3A		32.13
TCF-7A	TCF-P-7A	7A		44.28
TCF-8A	TCF-P-8A	8A		56.69
TCF-9A	TCF-P-9A	9A	82.90	
TCF-10A	TCF-P-10A	10A	109.1	
TCF-12A	TCF-P-12A	12A	150.7	
TCF-15A	TCF-P-15A	15A	337.4	

### 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 Micro Fuse device with chemical solvent. Prolonged contact will damage the device performance.

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**Time-Lag Ceramic Tube Fuse**  
**3.6mm x 10 mm**



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

