

# Type TCD

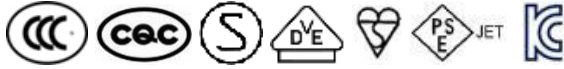
## Time-Delay High Breaking Capacity

### 5 x 20 mm Ceramic Fuse



www.optifuse.com (619) 593-5050

#### Agency Standards and Listings:



CCC	1A~6.3A
CQC	8A, 10A, 12.5A, 16A
SEMKO	1A~10A, 12.5A, 16A
VDE	1A~10A, 12.5A, 16A
BSI	1A~6.3A
PSE	1A~15A
KC	1A~10A

#### Interrupt Ratings:

1500Amperes at 250V AC

#### Time Characteristics

Rated Current	210%		275%		400%		1000%	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
200mA~800mA	30 min	250 ms	80 sec	50 ms	5 sec	5 ms	150 ms	
1A~3.15A	30 min	750 ms	80 sec	95 ms	5 sec	10 ms	150 ms	
4A~10A	30 min	750 ms	80 sec	150 ms	5 sec	10 ms	150 ms	
12A~16A	30 min	1 sec	80 sec	150 ms	8 sec	20 ms	150 ms	

#### Operating Temperature:

-55°C to +125°C

#### Material:

Ceramic Body/Nickel Plated Brass Caps

Lead Wire Ø0.65mm - < 10A

Ø0.8mm - 10A ~ 12A

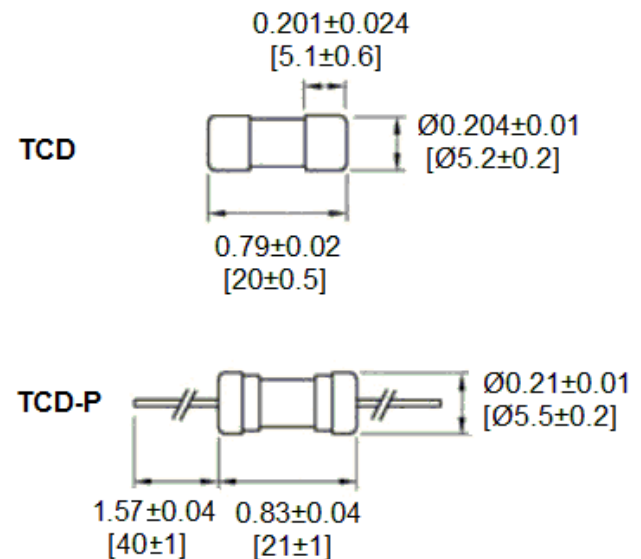
Ø1.0mm - > 12A

#### Packaging:

TCD 1000 pcs; TCD-P 500 pcs per box.

Cartridge Part number	Axial Lead Part number	Ampere Rating	Voltage Rating
TCD-200mA	TCD-P-200mA	200mA	250V
TCD-250mA	TCD-P-250mA	250mA	
TCD-315mA	TCD-P-315mA	315mA	
TCD-400mA	TCD-P-400mA	400mA	
TCD-500mA	TCD-P-500mA	500mA	
TCD-630mA	TCD-P-630mA	630mA	
TCD-800mA	TCD-P-800mA	800mA	
TCD-1A	TCD-P-1A	1A	
TCD-1.25A	TCD-P-1.25A	1.25A	
TCD-1.6A	TCD-P-1.6A	1.6A	
TCD-2A	TCD-P-2A	2A	
TCD-2.5A	TCD-P-2.5A	2.5A	
TCD-3.15A	TCD-P-3.15A	3.15A	
TCD-4A	TCD-P-4A	4A	
TCD-5A	TCD-P-5A	5A	
TCD-6.3A	TCD-P-6.3A	6.3A	
TCD-8A	TCD-P-8A	8A	
TCD-10A	TCD-P-10A	10A	
TCD-12A	TCD-P-12A	12A	
TCD-12.5A	TCD-P-12.5A	12.5A	
TCD-15A	TCD-P-15A	15A	
TCD-16A	TCD-P-16A	16A	

#### Mechanical Dimensions: Inches [mm]



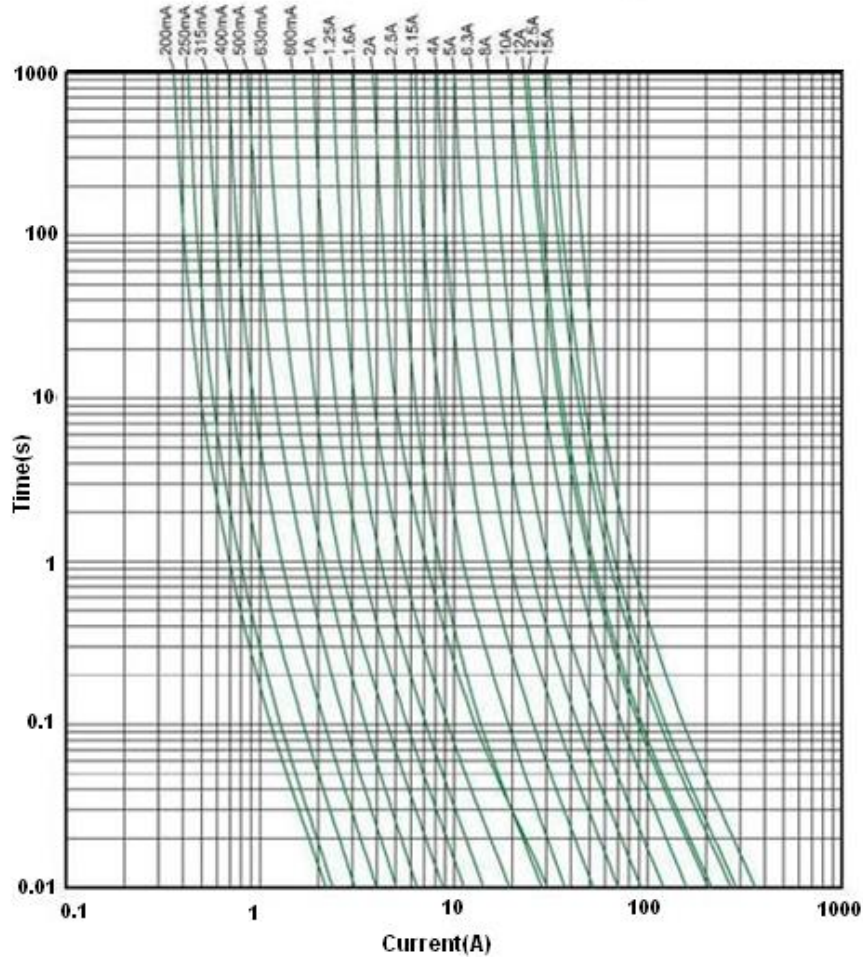
**Type TCD**  
**Time-Delay High Breaking Capacity**  
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**Part Number TCD**

**TIME CURRENT CURVES**



**Warning:**



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

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