

# Type FCM-R

## Fast Acting Surface Mount Fuse

### Square Ceramic – Round Terminals



www.optifuse.com (619) 593-5050

#### Agency Standards and Listings:



#### Specifications:

**Voltage:** 125V AC/DC, 65VDC

**Amperage:** 100mA ~ 15A

#### Interrupt Ratings:

100A at 125V AC/DC (100mA-10A)

50A at 65V DC (12A-15A)

#### Environmental Specifications:

##### Operating Temperature:

-55° C to +125° C

##### Storage Temperature:

-55° C to +85° C

##### Resistance to soldering heat:

260°C±5°C, 30s±5s

##### Solderability:

MIL-STD-202, Method 208

#### Physical Specifications:

##### Materials:

**Body:** Ceramic

**Terminations:** Silver Plated Brass Caps

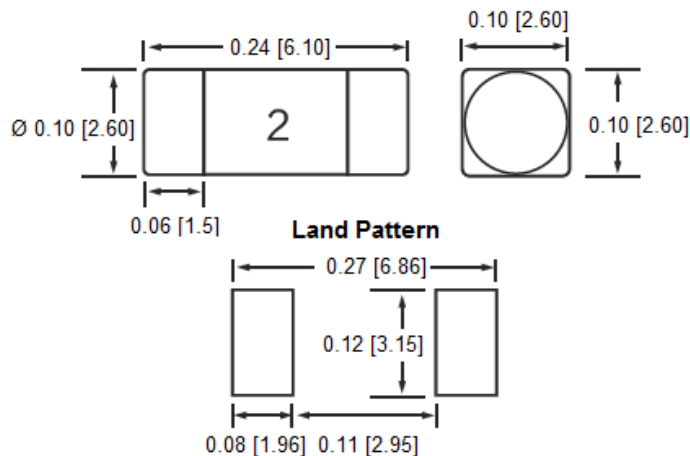
#### Packaging:

1,000 Fuses in taped and reel box

#### Electrical Characteristics:

100%	200%
4hr Min	5s Max (100mA ~ 10A)
	20s Max (12A ~ 15A)

#### Mechanical Dimensions: Inches [mm]



OptiFuse Part Number	Ampere Rating	Voltage
FCM-R-100mA	100mA	125V
FCM-R-125mA	125mA	
FCM-R-160mA	160mA	
FCM-R-200mA	200mA	
FCM-R-250mA	250mA	
FCM-R-315mA	315mA	
FCM-R-375mA	375mA	
FCM-R-400mA	400mA	
FCM-R-500mA	500mA	
FCM-R-630mA	630mA	
FCM-R-750mA	750mA	
FCM-R-800mA	800mA	
FCM-R-1A	1A	
FCM-R-1.2A	1.2A	
FCM-R-1.25A	1.25A	
FCM-R-1.5A	1.5A	
FCM-R-1.6A	1.6A	
FCM-R-2A	2A	
FCM-R-2.5A	2.5A	
FCM-R-3A	3A	
FCM-R-3.15A	3.15A	
FCM-R-3.5A	3.5A	
FCM-R-4A	4A	
FCM-R-5A	5A	
FCM-R-6.3A	6.3A	
FCM-R-7A	7A	
FCM-R-8A	8A	
FCM-R-10A	10A	
FCM-R-12A	12A	
FCM-R-15A	15A	
		65V

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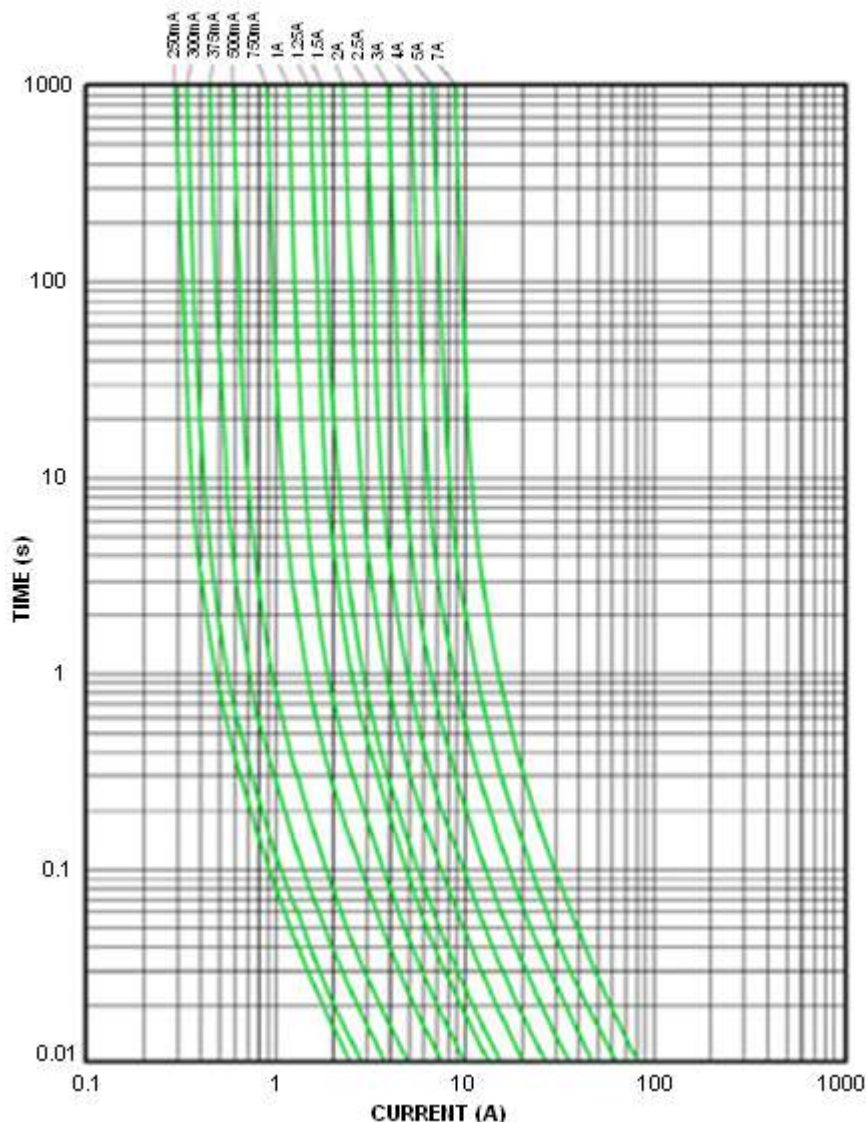
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### Part Number FCM-R

TIME CURRENT CURVES



<p><b>Warning:</b></p> 	<ul style="list-style-type: none"> <li>-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.</li> <li>-Fuse device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.</li> <li>-Avoid contact of Glass Fuse device with chemical solvent. Prolonged contact will damage the device performance.</li> </ul>
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