Type TCM-R
Time Delay Surface Mount Fuse
Square Ceramic – Round Terminals

www.optifuse.com (619) 593-5050

Specifications:

Voltage: 125V AC/DC, 250V AC

Amperage: 200mA ~ 5A

Interrupt Ratings:

Rated Current	Interrupting Rating
200mA~5A	100A @ 125V DC/AC
200mA~5A	50A @ 250V AC

Environmental Specifications:

Operating Temperature:

-55º C to +125º C

Storage Temperature:

-55º C to +85º C

Soldering Parameters

Infrared Reflow Soldering: Max 240 º C, Max 10 sec

Manual Soldering: Max 350 º C, Max 5 sec

Solderability:

MIL-STD-202, Method 208

Physical Specifications:

Materials:

Body: Ceramic tube

Terminations:

External Caps: Ni(≥1µm) plated brass & Sn(≥1µm) plated

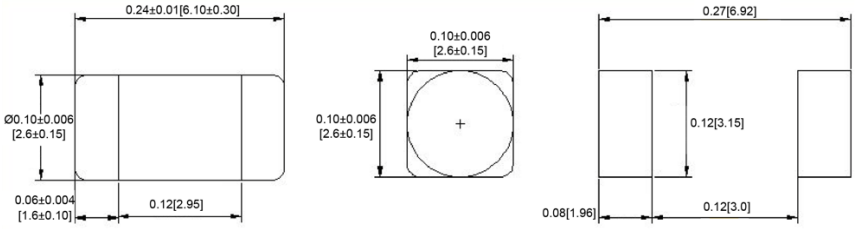
Inner Caps: Brass

Packaging:

1,000 Fuses in taped and reel box

Mechanical Dimensions: Inches [mm]

Please add tolerance as well (refer to section 4.1)



OptiFuse Part Number	Amperage Rating
TCM-R-200mA	200mA
TCM-R-250mA	250mA
TCM-R-300mA	300mA
TCM-R-315mA	315mA
TCM-R-375mA	375mA
TCM-R-400mA	400mA
TCM-R-500mA	500mA
TCM-R-600mA	630mA
TCM-R-630mA	630mA
TCM-R-750mA	750mA
TCM-R-800mA	800mA
TCM-R-1A	1A
TCM-R-1.2A	1.2A
TCM-R-1.25A	1.25A
TCM-R-1.5A	1.5A
TCM-R-1.6A	1.6A
TCM-R-2A	2A
TCM-R-2.25A	2.25A
TCM-R-2.5A	2.5A
TCM-R-3A	3A
TCM-R-3.15A	3.15A
TCM-R-3.5A	3.5A
TCM-R-3.75A	3.75A
TCM-R-4A	4A
TCM-R-5A	5A

Electrical Characteristics:

100%	200%		300%		800%	
Min	Min	Max	Min	Max	Min	Max
4.00h	1.00s	60.00s	0.20s	3.00s	0.01s	0.10s

Note: All specifications subject to change without notice.

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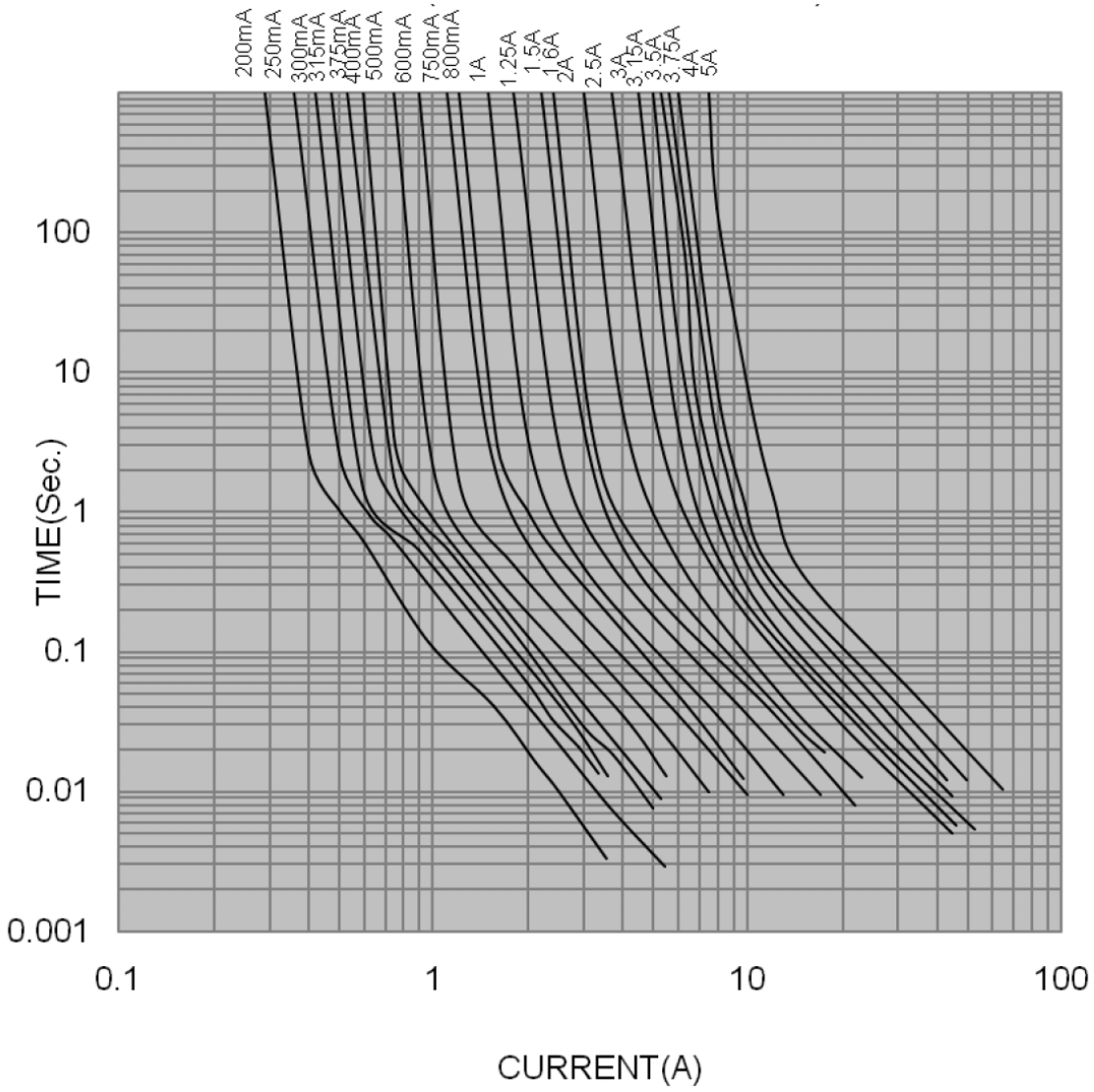
Part Number TCM-R

TIME CURRENT CURVES



Warning:	-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame. -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.