

**RoHS
Compliant**



Specifications

Voltage Rating : 80V
Ampere Rating : 20A to 100A

Applications

- Power Tool (Lithium Battery, Rechargeable)
- Electric Assistant Bicycle

Electrical Characteristics

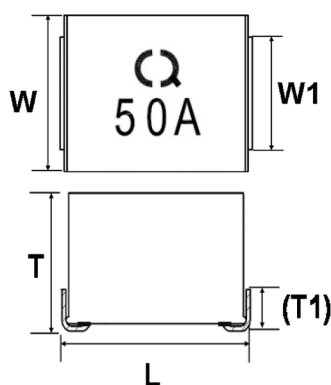
- Loading Capacity: Through the 100% rating current ($1.0 \times I_n$) loading, and keep current continuously without any melting. (Can keep 4 hours minimum)
- Temperature: Loading the 100% ($1.0 \times I_n$) for 1.5 hours, keep testing it with the original current every 10 minutes. Continue to test it for 3 times. The temperature is not allowed to be higher. The main temperature rise is below 200°C by way of Thermocouple Method.
- Melting due to overloading: Details as follows Table.

Operating Characteristics

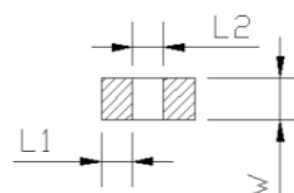
Ampere Rating	Opening Time			
	1In		2.5In	
	Min.	Max.	Min.	Max.
20A to 100A	4 hr			60 Sec

UL Approved

Diagram



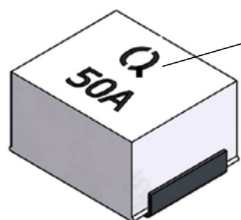
Type	Value
L	$7.3 \pm 0.5\text{mm}$
W	$5.8 \pm 0.5\text{mm}$
T	$4 \pm 0.5\text{mm}$
W1	$4.2 \pm 0.2\text{mm}$
T1	$1.3 \pm 0.3\text{mm}$



Recommended Pad Layout	
L1	2.7mm
L2	4.4mm
W	5.8mm

Dimensions : Millimetres

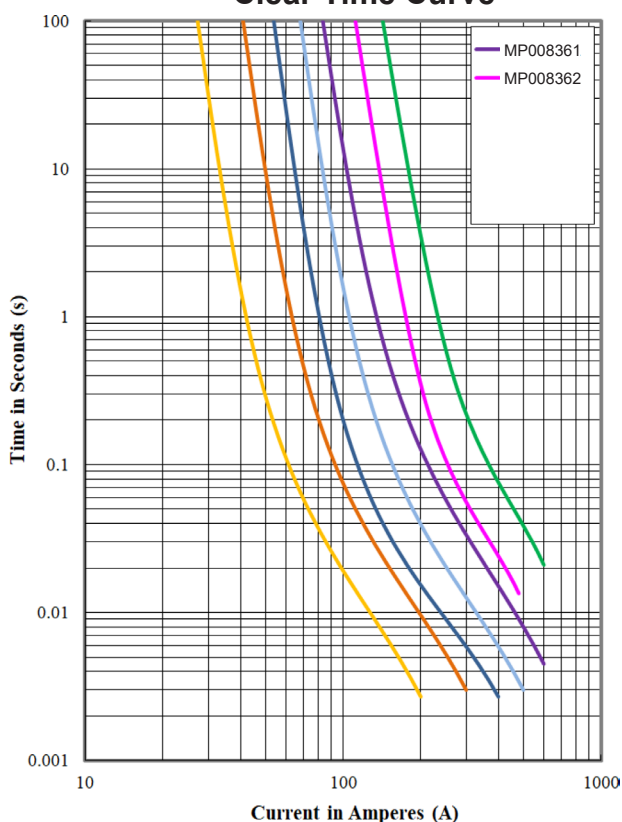
Materials



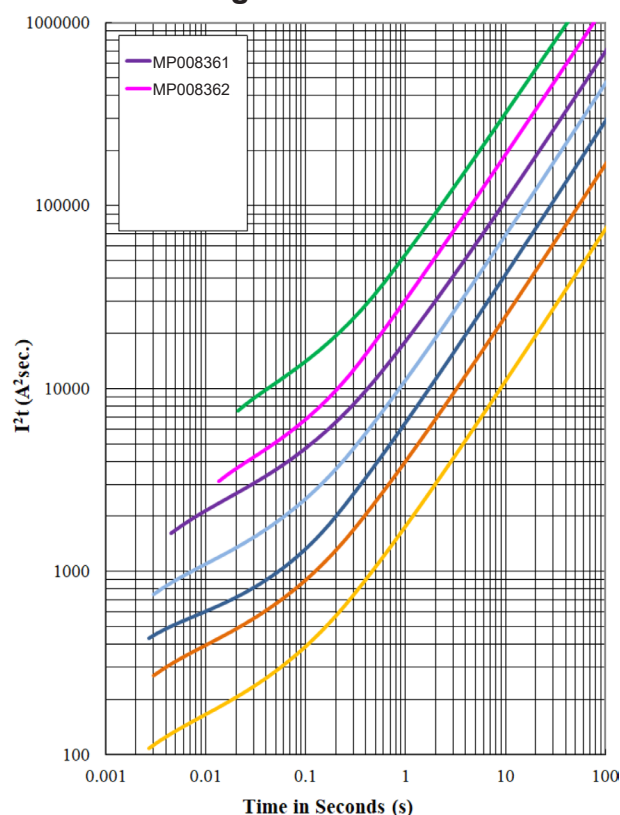
Marking Code

Name	Material	Quantity
Cover	Ceramic carrier	1
Element	Copper(Tin Plated Copper)	
Bottom	Ceramic plate	
Package	Silicone	-
Marking	UV Ink	

Clear Time Curve



Average I^2t VS. t Curve



Part Number Table

Description	Part Number
High Current Ceramic Fuse, 60A, 80V	MP008361
High Current Ceramic Fuse, 80A, 80V	MP008362

Note : Packaging options available.

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