

SMD High Current Ceramic Micro Fuse

**RoHS
Compliant**

Application

Use in power tool battery packs



Specification

Current Rating	: 50A
Voltage Rating	: 60V DC
Interrupting Current rating	: 300 Amperes at 60V DC 300 amperes at 35V DC
Fuse Body Material	: Ceramic
Termination Material	: Copper (Cu), Tin (Sn)
Fuse Element	: Copper (Cu), Tin (Sn)
Operating Temperature	: -55°C to +125°C
Fuse Size	: 7.3mm × 5.8mm × 4mm

Electrical Characteristics

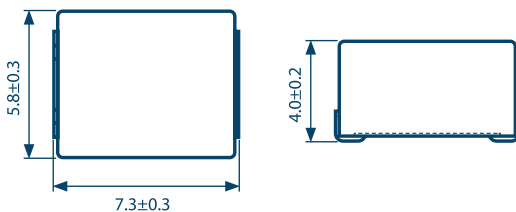
Rating	100% Rating		250% Rating	
	Min.	Max.	Min.	Max.
50A	4hr	-	-	60 sec

Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
MP000815	50	60	0.0007	1750

* Measured at ≤10% of rated current at 25°C

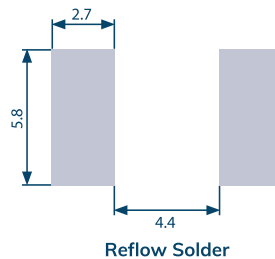
* Melting I²t at 1000% of current rating

Mechanical Dimensions



Dimensions : Millimetres

Recommended Land Pattern



Part Number Table

Description	Part Number
SMD Fuse, 50A, 60V DC	MP000815

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