

# **SMD High Current Ceramic Micro Fuse**

**multicomp** PRO



## Application

Use in power tool battery packs

## Specification

Current Rating	: 60A & 80A
Voltage Rating	: 80V DC
Interrupting Current rating	: 450 Amperes at 80V DC 600 Amperes at 35V DC 600 Amperes at 65V 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 x 5.8mm x 4mm

# RoHS Compliant

## Electrical Characteristics

Rating	100% Rating		250% Rating	
	Min.	Max.	Min.	Max.
60A to 80A	4hr	-	-	60 sec

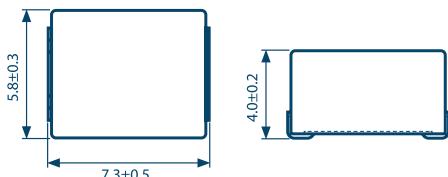
Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.)
MP000816	60	80	0.00065	1260
MP000817	80		0.00055	3110

\* Measured at  $\leq 10\%$  of rated current at  $25^\circ\text{C}$

\* 60A: Melting  $I^2t$  at 1000% of current rating

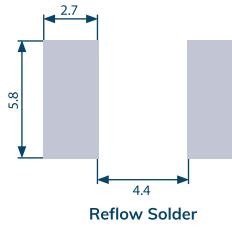
\* 80A: Melting  $I^2t$  at 600% of current rating

## Mechanical Dimensions



#### Dimensions : Millimetres

## Recommended Land Pattern



## Part Number Table

Description	Part Number
SMD Fuse, 60A, 80V DC	MP000816
SMD Fuse, 80A, 80V DC	MP000817

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