

Fast-Acting SMD Fuse 1206

multicomp PRO

**RoHS
Compliant**



Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	10A to 20A

Interrupting Rating

10A to 20A: 100 amperes at 63V DC
250 amperes at 24V DC

Application

Widely used in all kinds of battery packs

Specifications

Material

Body : Ceramic
Termination : Silver(Ag) / Nickel(Ni) / Tin(Sn)
Fuse Element : Silver(Ag)
Operating Temperature : -55°C to +125°C
UL Approved

Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	3.5 In
	Min.	Max.
10A to 20A	4 hr	5 sec

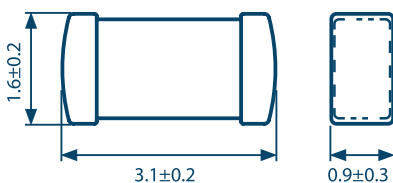
Part Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I^2t ($A^2 \text{ sec.}$)
MP005483	$\overline{10}$	10	24	0.0054	14
MP005484	$\overline{12}$	12		0.004	19
MP005485	$\overline{15}$	15		0.0033	33
MP005486	$\overline{20}$	20		0.002	56

*Measured at $\leq 10\%$ of rated current at 25°C

*Melting I^2t at 1000% of current rating

*Surface Mount Fuse is a small device designed for secondary protection of circuits used in space constrained applications.

Mechanical Diagram



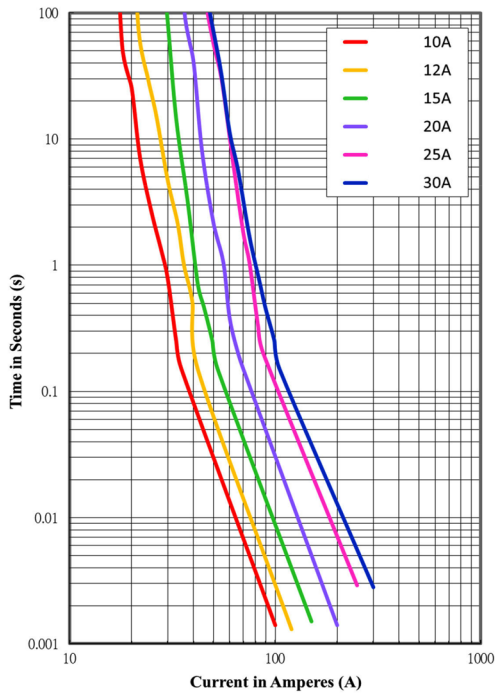
Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

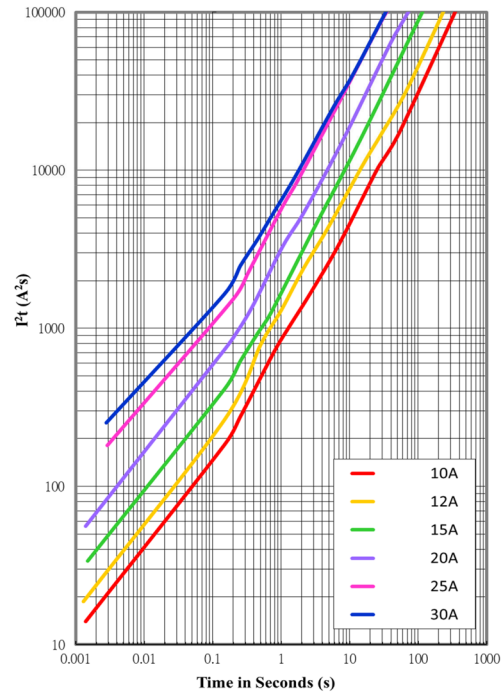
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Fast-Acting SMD Fuse 1206

Clear Time Curve



Average I²t VS. t Curve



Part Number Table

Description	Part Number
Fast-Acting SMD Fuse, 10A, 24V, 1206	MP005483
Fast-Acting SMD Fuse, 12A, 24V, 1206	MP005484
Fast-Acting SMD Fuse, 15A, 24V, 1206	MP005485
Fast-Acting SMD Fuse, 20A, 24V, 1206	MP005486

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