

Time-Lag SMD Fuse 1206

multicomp PRO

**RoHS
Compliant**



Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	1A to 6A

Interrupting Rating

1A to 6A: 100 amperes at 63V DC
50 amperes at 125V DC

UL Approved

Specifications

Material

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

Electrical Characteristics

Ampere Rating	Opening Time				
	1 In	2 In		3 In	10 In
	Min.	Min.	Max.	Max.	Max.
1A to 6A	4 hr	1 sec	120 sec.	3 sec	0.05 sec

Part Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I^2t ($A^2 \text{ sec.}$)
MP005476	<u>H</u>	1	63	0.23	0.17
MP005477	<u>K</u>	1.5		0.125	0.394
MP005478	<u>N</u>	2		0.075	0.72
MP005479	<u>P</u>	3		0.032	1.35
MP005480	<u>S</u>	4		0.018	2.24
MP005481	<u>I</u>	5		0.013	3
MP005482	<u>U</u>	6		0.009	4.68

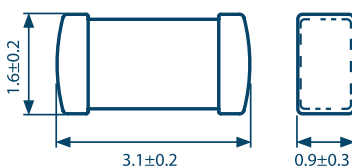
*Measured at $\leq 10\%$ of rated current at 25° C

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

*Application testing is strongly recommended.

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

Mechanical Diagram



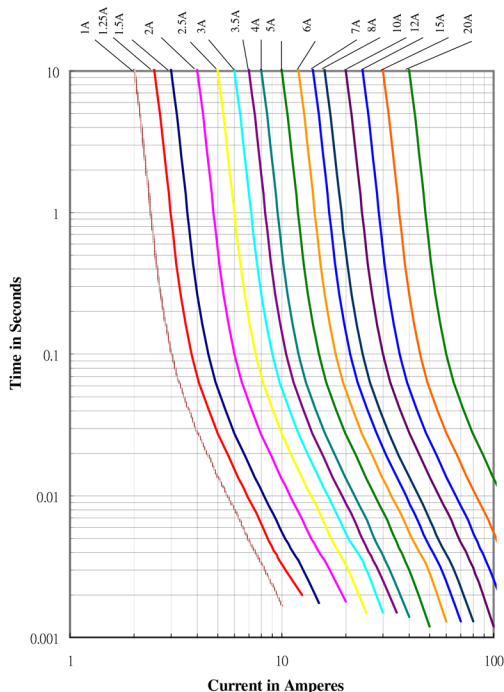
Dimensions : Millimetres

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

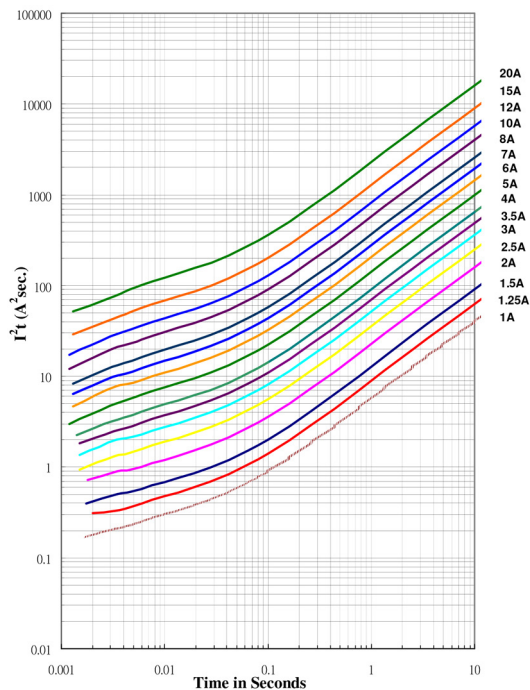
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Clear Time Curve



Average I²t VS. t Curve



Part Number Table

Description	Part Number
Time-Lag SMD Fuse, 1A, 63V, 1206	MP005476
Time-Lag SMD Fuse, 1.5A, 63V, 1206	MP005477
Time-Lag SMD Fuse, 2A, 63V, 1206	MP005478
Time-Lag SMD Fuse, 3A, 63V, 1206	MP005479
Time-Lag SMD Fuse, 4A, 63V, 1206	MP005480
Time-Lag SMD Fuse, 5A, 63V, 1206	MP005481
Time-Lag SMD Fuse, 6A, 63V, 1206	MP005482

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