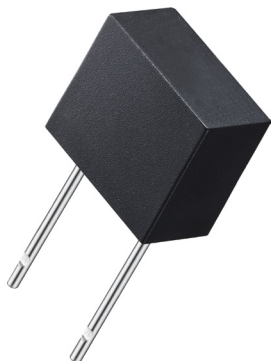


Time Lag Radial Leaded Micro Fuse

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**RoHS
Compliant**



Agency Approvals

Agency	Ampere Rating
35 amperes or 10 x rated current ; whichever is greater at 250V AC	
UL Recognized	50mA - 10A
VDE	50mA - 6.3A
CSA Acceptance	50mA - 6.3A
TUV	50mA - 10A
PSE	1A - 10A
KTL	50mA - 6.3A
CCC	50mA - 6.3A
SEMKO	63mA - 10A

130 amperes at 250V AC (optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	50mA - 10A
PSE	1A - 10A
KTL	500mA - 6.3A
CQC	500mA - 10A
50 amperes at 300V AC (optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	50mA - 10A
PSE	1A - 10A
100 amperes at 400V AC (optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	1A - 10A

Specifications

Material

Base and Cover : Black thermoplastic, UL 94-V0
Round Pins : Tin Plated Copper
Operating Temperature : -55°C to +125°C
UL Approved

Electrical Characteristics

Ampere Rating	Opening Time							
	1.5 In	2.1 In	2.75 In		4 In		10 In	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1A to 6.3A	60 min.	2 min.	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms

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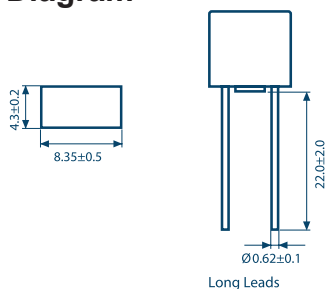
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Time Lag Radial Leaded Micro Fuse

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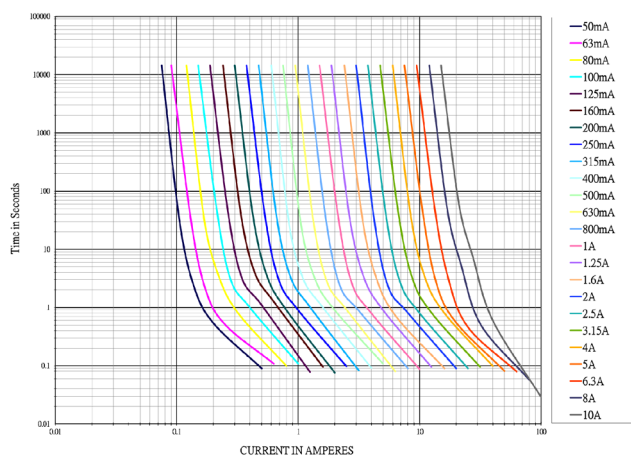
Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Voltage Drop (mv) Max.	Nominal Melting I^2t ($A^2 \text{ sec.}$)
MP005515	1	300	0.075	140	8.73
MP005516	2		0.0316	100	36
MP005517	3.15		0.0188		93.768
MP005518	4		0.0136		158.4
MP005519	5		0.01		202.5
MP005520	6.3		0.0074		310.77
MP005521	1	400	0.075	140	8.73
MP005522	2		0.0316	100	36
MP005523	3.15		0.0188		93.768
MP005524	4		0.0136		158.4
MP005525	5		0.01		202.5
MP005526	6.3		0.0074		310.77

Diagram

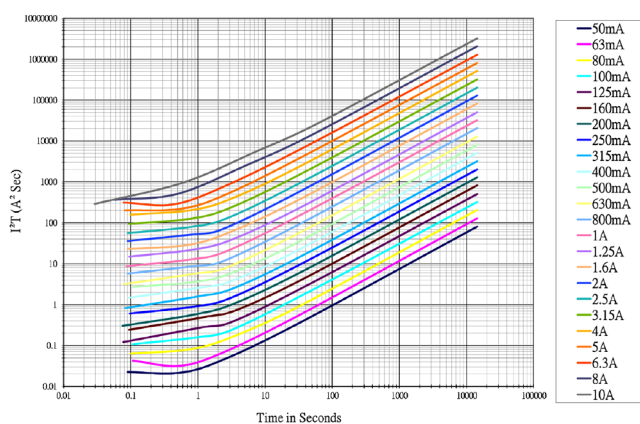


Dimensions : Millimetres

Time Current Characteristic Curve



Average Melting I^2t Curves



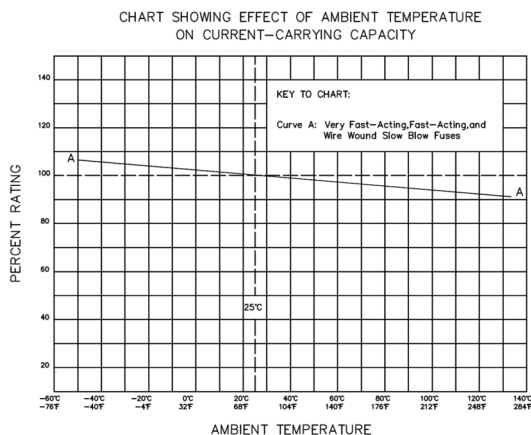
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Time Lag Radial Leaded Micro Fuse

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Temperature Derating Curve



Part Number Table

Description	Part Number
Time Lag Micro Fuse, 1A, 300V, Radial Leaded	MP005515
Time Lag Micro Fuse, 2A, 300V, Radial Leaded	MP005516
Time Lag Micro Fuse, 3.15A, 300V, Radial Leaded	MP005517
Time Lag Micro Fuse, 4A, 300V, Radial Leaded	MP005518
Time Lag Micro Fuse, 5A, 300V, Radial Leaded	MP005519
Time Lag Micro Fuse, 6.3A, 300V, Radial Leaded	MP005520
Time Lag Micro Fuse, 1A, 400V, Radial Leaded	MP005521
Time Lag Micro Fuse, 2A, 400V, Radial Leaded	MP005522
Time Lag Micro Fuse, 3.15A, 400V, Radial Leaded	MP005523
Time Lag Micro Fuse, 4A, 400V, Radial Leaded	MP005524
Time Lag Micro Fuse, 5A, 400V, Radial Leaded	MP005525
Time Lag Micro Fuse, 6.3A, 400V, Radial Leaded	MP005526

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