

Time-Lag Square SMD Fuse 4012

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RoHS
Compliant



Agency Approvals

Agency	Ampere Rating
Certified products for U.S. and Canada	1.25A - 3A
TUV	1.25A - 3A
KTL	1.25A - 3A
CCC	1.25A

Interrupting Rating

50 amperes at 250V AC
250 amperes at 250V AC
200 amperes at 250V AC
100 amperes at 250V DC

Specifications

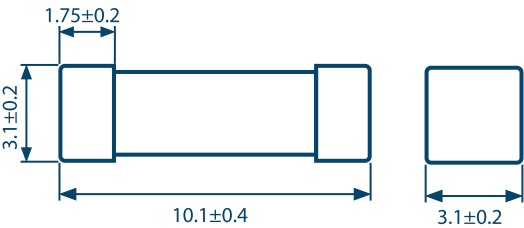
Material

Body : Ceramic
Termination : Gold Plated, Brass Caps
Operating Temperature : -55°C to +125°C
UL Approved

Electrical Characteristics

Part Number	Ampere Rating	Opening Time						Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I²t (A² sec.)
		1 In	1.25 In	2 In	2.5 In	10 In				
		Min.	Min.	Max.	Max.	Min.	Max.			
MP005505	3A	4 hr	-	-	120 sec	-	-	250	0.028	54
MP005506	1.25A	-	60 min	120 sec	-	10 ms	100 ms		0.105	4.52

Mechanical Diagram



Dimensions : Millimetres

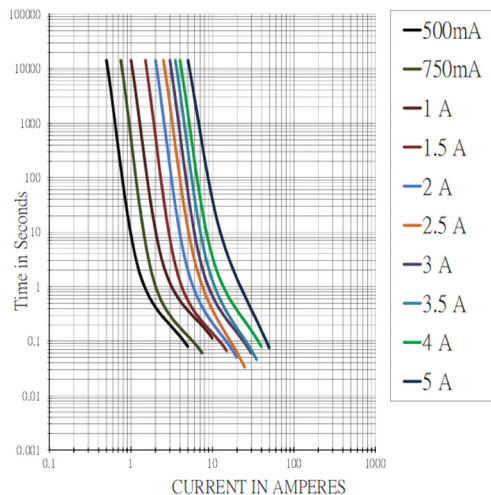
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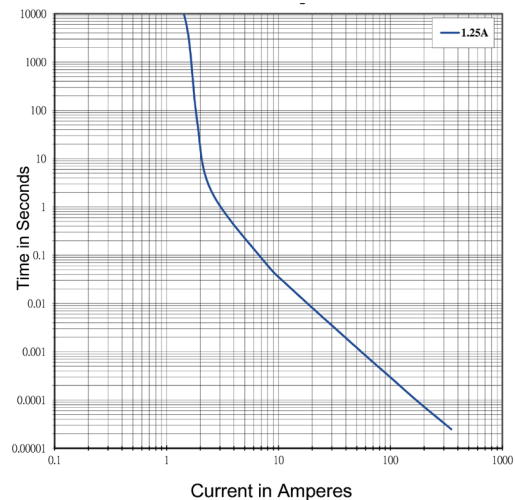
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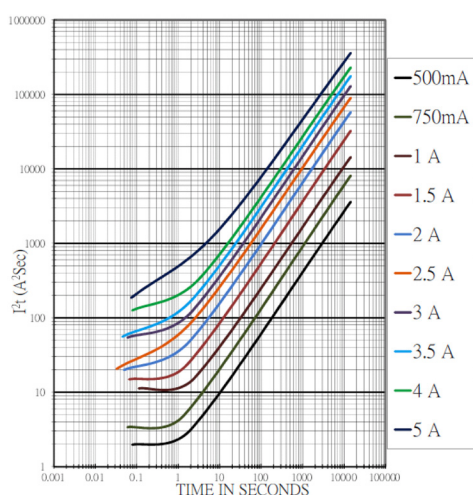
Time Current Characteristic Curve



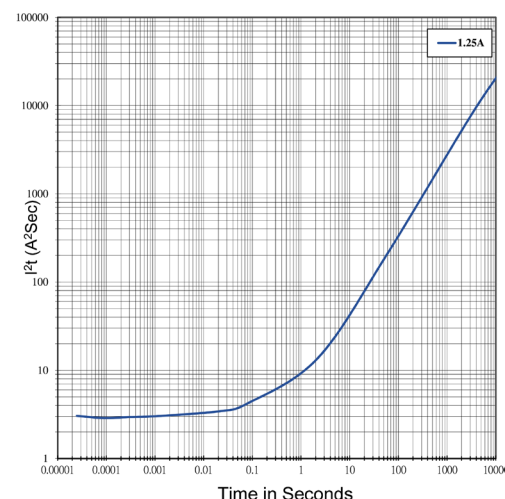
Minimum Melting It Curves



Average Melting I²t Curve



Average Melting I²t Curve



Part Number Table

Description	Part Number
Time-Lag Square SMD Fuse, 3A, 250V, 4012	MP005505
Time-Lag Square SMD Fuse, 1.25A, 250V, 4012	MP005506

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