Time-Lag Square SMD Fuse 4012

multicomp PRO





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

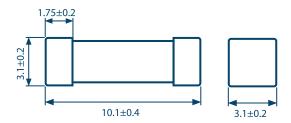
Operating Temperature : -55°C to +125°C

UL Approved

Electrical Characteristics

		Opening Time					Voltage	Nominal Cold	Nominal	
Part Number	Ampere Rating	1 In	1.25 ln	2 In	2.5 ln	10 ln		Rating	Resistance	Melting I ² t
		Min.	Min.	Max.	Max.	Min.	Max.	(V)	(Ω)	(A ² sec.)
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

06/08/25 V1.1

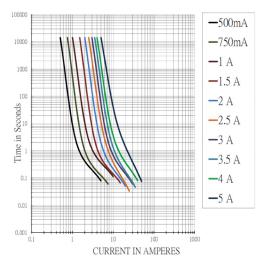
Newark.com/multicomp-pro Farnell.com/multicomp-pro sg.element14.com/b/multicomp-pro



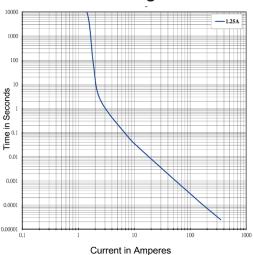
Time-Lag Square SMD Fuse 4012



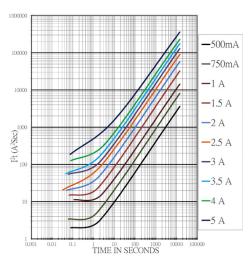
Time Current Characteristic Curve



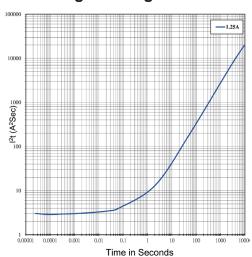
Minimum Melting It Curves



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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