

# Square SMD Fuse 4012

multicomp<sup>PRO</sup>

RoHS  
Compliant



## Agency Approvals

Agency	Ampere Rating
Certified products for U.S. and Canada	10A - 35A

## Interrupting Rating

10A to 35A : 100 amperes at 250V AC  
150 amperes at 125V AC  
130 amperes at 80V DC  
300 amperes at 72V DC

## Application

The product offers high-amp circuit protection and surface mount fuses help space saving.

## Specifications

### Material

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

## Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	Min.	Max.
10A to 35A	4 hr	60 sec.

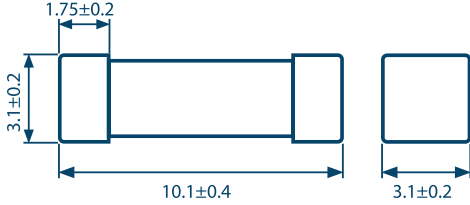
Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance ( $\Omega$ )	Nominal Melting $I^2t$ ( $A^2 \text{ sec.}$ )
MP005507	10	250	0.0067	75
MP005508	15		0.005	141.75
MP005509	20		0.003	356
MP005510	25		0.0024	625
MP005511	30		0.0018	900
MP005512	35		0.0014	1320

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

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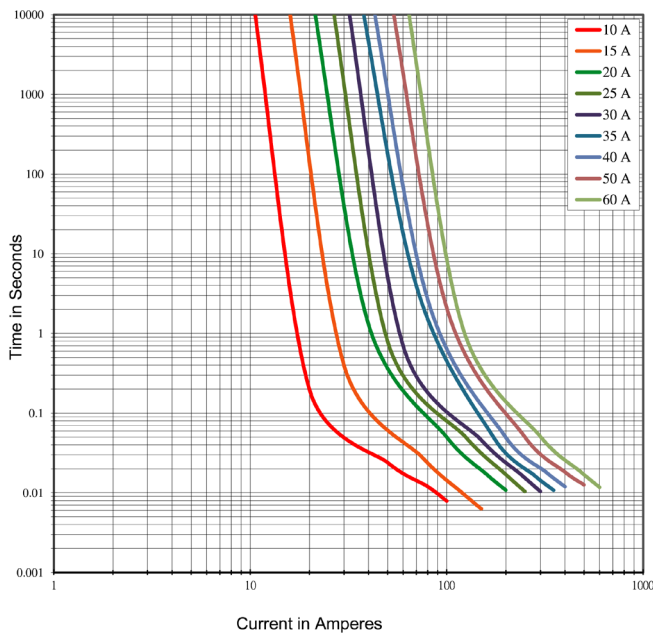
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## Mechanical Dimensions

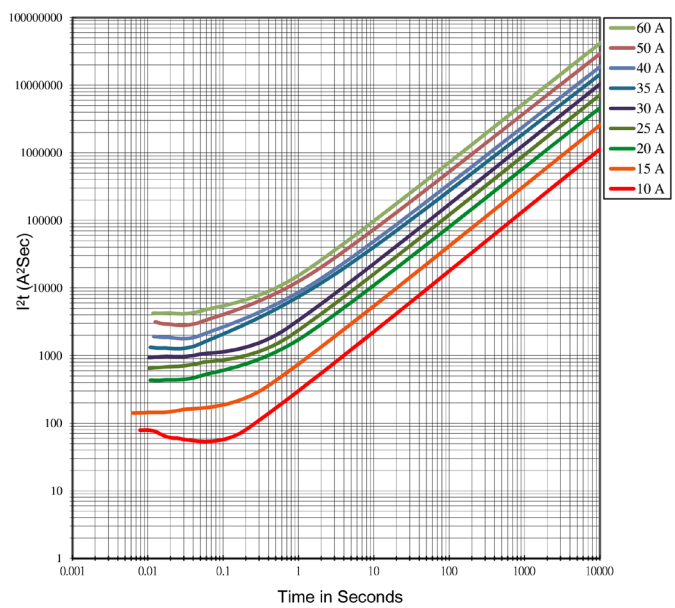


Dimensions : Millimetres

## Average Melting It Curves



## Average Melting I<sup>2</sup>t Curve



## Part Number Table

Description	Part Number
SMD Fuse, 10A, 250V, 4012	MP005507
SMD Fuse, 15A, 250V, 4012	MP005508
SMD Fuse, 20A, 250V, 4012	MP005509
SMD Fuse, 25A, 250V, 4012	MP005510
SMD Fuse, 30A, 250V, 4012	MP005511
SMD Fuse, 35A, 250V, 4012	MP005512

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