

Square SMD Fuse 4012

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RoHS
Compliant



Agency Approvals

Agency	Ampere Rating
Certified products for U.S. and Canada	1.25A - 2A

Interrupting Rating

60 amperes at 250V AC
60 amperes at 600V AC
50 amperes at 250V DC
100 amperes at 125V DC

Application

The product are designed to allow compliance with Telcordia GR-1089-CORE and TIA968-A

Specifications

Material

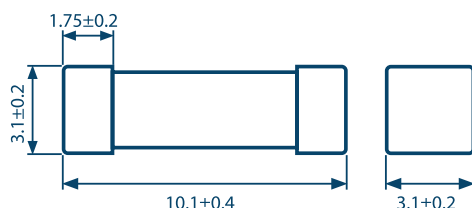
Body : Ceramic
Termination : Gold Plated, Brass Caps
Operating Temperature : -55°C to +125°C
UL Approved

Electrical Characteristics

Ampere Rating	Opening Time		
	1 In	2.5 In	
	Min.	Min.	Max.
1.25A and 2A	4 hr	1 sec	120 sec

Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I^2t ($A^2 \text{ sec.}$)
MP005513	1.25	600V	0.1	22
MP005514	2		0.055	24

Mechanical Dimensions



Dimensions : Millimetres

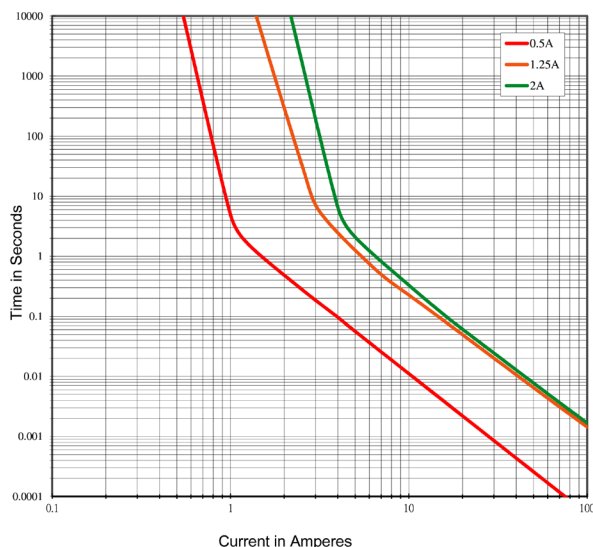
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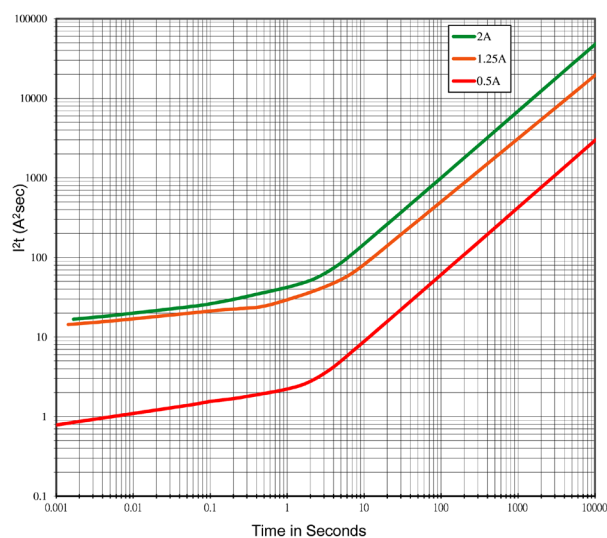
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Average Melting It Curves



Average Melting I²t Curve



Part Number Table

Description	Part Number
SMD Fuse, 1.25A, 600V, 4012	MP005513
SMD Fuse, 2A, 600V, 4012	MP005514

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