

# Fast-Acting SMD Fuse 0603

**multicomp** PRO

**RoHS  
Compliant**



## Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	1A to 5A

## Interrupting Rating

35 Amperes at 63V DC  
60 Amperes at 32V DC

## Application

Ideal for use in a wide range of home appliance panels

## Specifications

### Material

Body : Ceramic  
Termination : Silver(Ag) / Nickel(Ni) / Tin(Sn)  
Fuse Element : Silver(Ag)  
Operating Temperature : -55°C to +125°C  
UL Approved

## Electrical Characteristics

Ampere Rating	Opening Time			
	1 In	2 In	3 In	10 In
	Min.	Max.	Max.	Max.
1A to 5A	4 hr	5 sec.	0.5 sec	0.02 sec

Part Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.)
MP005457	H	1	32	0.3	0.041
MP005458	N	2		0.066	0.098
MP005459	P	3		0.027	0.187
MP005460	T	5		0.012	0.57

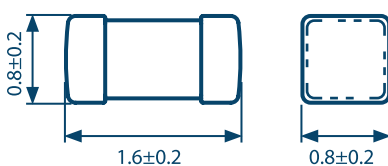
\*Measured at ≤10% of rated current at 25° C

\*Melting I<sup>2</sup>t at 1000% of current rating

\*Application testing is strongly recommended.

\*Surface Mount Fuse is a small device designed for secondary protection of circuits used in space constrained applications.

## Mechanical Dimensions



Dimensions : Millimetres

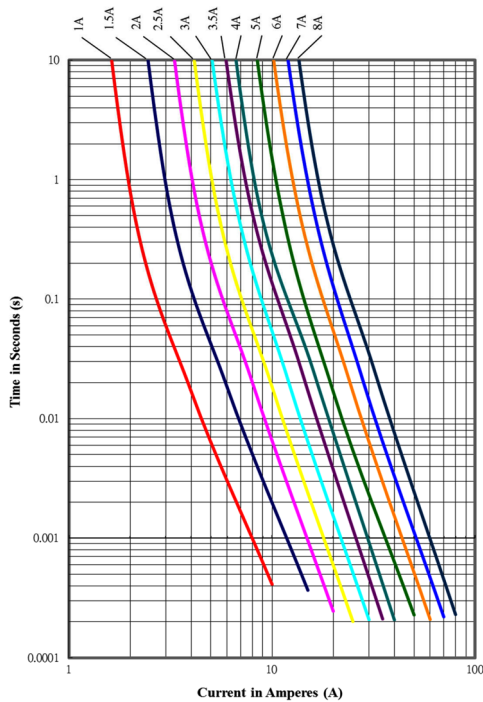
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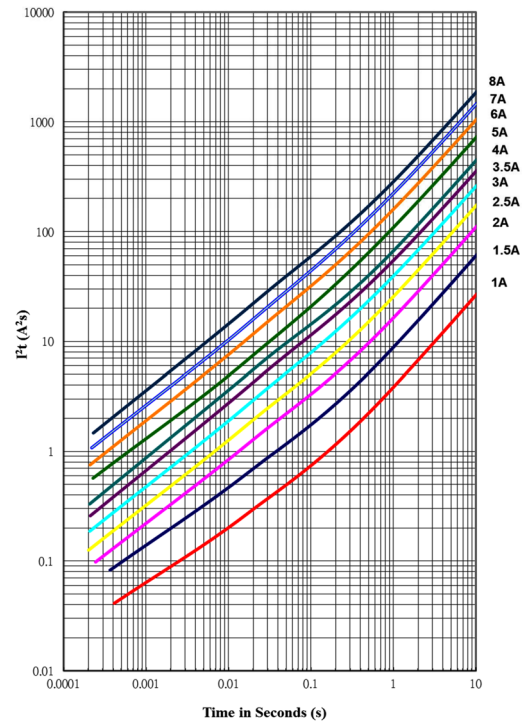
# Fast-Acting SMD Fuse 0603



**Clear Time Curve**



**Average I<sup>2</sup>t Vs. t Curve**



**Part Number Table**

Description	Part Number
Fast-Acting SMD Fuse, 1A, 32V, 0603	MP005457
Fast-Acting SMD Fuse, 2A, 32V, 0603	MP005458
Fast-Acting SMD Fuse, 3A, 32V, 0603	MP005459
Fast-Acting SMD Fuse, 5A, 32V, 0603	MP005460

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