

# Fast-Acting SMD Fuse

## 2410

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### Agency Approvals

Agency	Ampere Rating
Certified products for U.S. and Canada	1A - 5A
Recognized Component for Canada and US	6A - 40A
CSA Certified	62mA - 10A
PSE	1A - 10A

**RoHS**  
**Compliant**

### Interrupting Rating

1A to 10A : 50 amperes at 125V AC/DC

300 amperes at 32V DC

12A to 15A : 50 amperes at 65V AC/DC

200 amperes at 86V AC/DC

300 amperes at 24V DC

### Application

Protects base stations from overcurrent damage

### Specifications

Body Material : Ceramic

Termination Material : Gold Plated, Brass Caps

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

UL Approved

### Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	Min.	Max.
1A to 10A	4 hr	5 sec
15A	4 hr	60 sec

Part Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting $I^2t$ (A <sup>2</sup> sec.)
MP005487	1	125	0.1407	1.004
MP005488	2		0.0594	4.8
MP005489	2.5		0.0384	2.8
MP005490	3		0.0333	6.984
MP005491	4		0.0209	15.52
MP005492	5		0.0179	27.4
MP005493	7		0.0104	63.063
MP005494	10		0.0067	90.571
MP005495	15		0.0029	120.15

\*86V optional

[Newark.com/multicomp-pro](http://Newark.com/multicomp-pro)

[Farnell.com/multicomp-pro](http://Farnell.com/multicomp-pro)

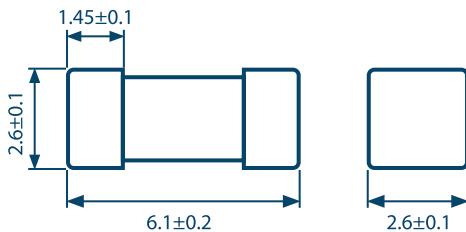
[sg.element14.com/b/multicomp-pro](http://sg.element14.com/b/multicomp-pro)

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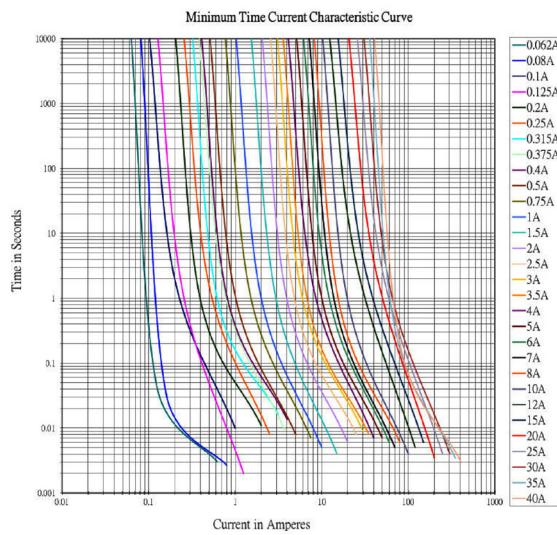
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## Mechanical Dimensions

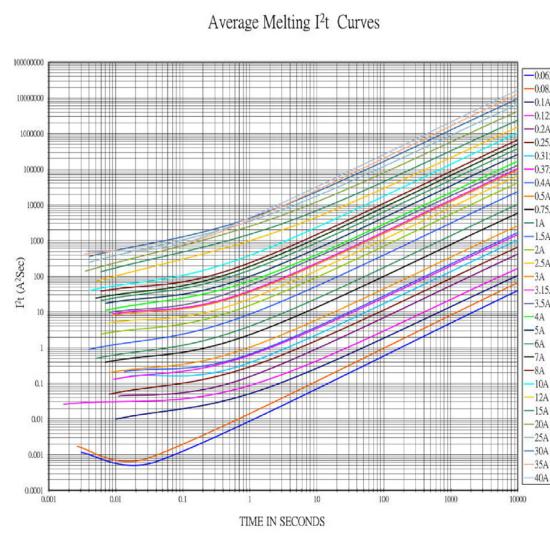


Dimensions : Millimetres

## Time Current Characteristic Curve



## Average $I^2t$ VS. t Curve



## Part Number Table

Description	Part Number
Fast Acting SMD Fuse, 1A, 125V, 2410	MP005487
Fast Acting SMD Fuse, 2A, 125V, 2410	MP005488
Fast Acting SMD Fuse, 2.5A, 125V, 2410	MP005489
Fast Acting SMD Fuse, 3A, 125V, 2410	MP005490
Fast Acting SMD Fuse, 4A, 125V, 2410	MP005491
Fast Acting SMD Fuse, 5A, 125V, 2410	MP005492
Fast Acting SMD Fuse, 7A, 125V, 2410	MP005493
Fast Acting SMD Fuse, 10A, 125V, 2410	MP005494
Fast Acting SMD Fuse, 15A, 65V, 2410	MP005495

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