

### Description

The 2AG Slo-Blo® Axial Leaded Fuses provide the same performance characteristics as their 3AG counterpart while occupying one-third the space.




### Features

- In accordance with Underwriter's Laboratories Standard UL 248-14
- Fuses are boardwashable in most solvents with thermoplastic sleeve
- Available in axial lead form and with various lead forming dimensions
- RoHS compliant and lead-free

### Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.



### Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	250mA - 2.5A
	LR 29862	250mA - 2.5A
		250mA - 2.5A

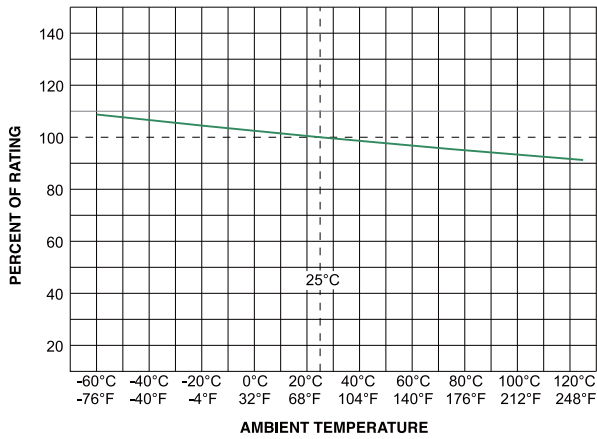
### Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
135%	1 hour, Maximum
200%	3 secs Min.; 20 secs Max.

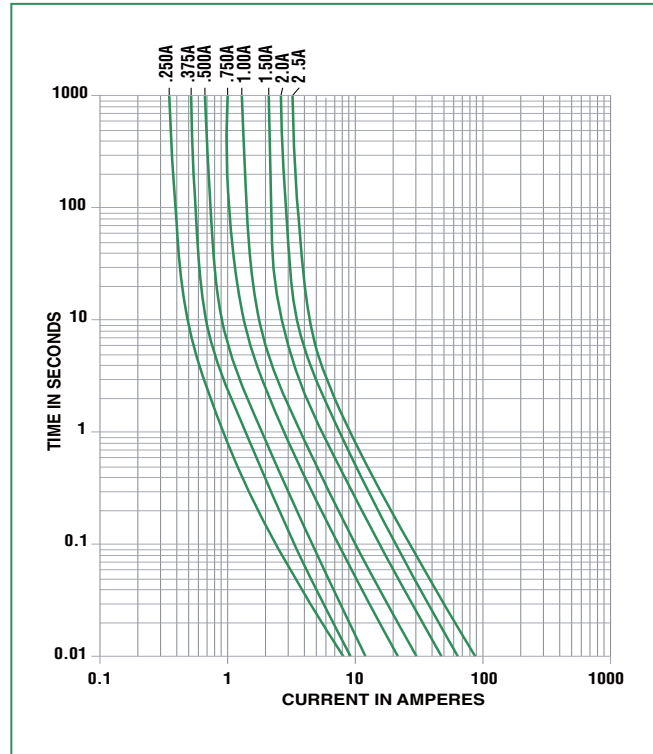
### Electrical Characteristic Specifications by Item

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec)	Nom Voltage Drop (mV)	Nom Power Dissipation (W)	Agency Approvals	
									
0.25	.250	250	35A@250Vac 10KA@125Vac 60A@600Vac	2.4300	0.216	N/A	N/A	x	x
0.35	.350	250		1.3100	0.490	N/A	N/A	x	x
0.375	.375	250		1.1685	0.580	N/A	N/A	x	x
0.5	.500	250		0.6935	1.16	N/A	N/A	x	x
0.75	.750	250		0.3430	2.95	N/A	N/A	x	x
1	001	250		0.2120	5.64	N/A	N/A	x	x
1.25	1.25	250		0.1460	9.80	N/A	N/A	x	x
1.5	01.5	250	0.1077	15.0	N/A	N/A	x	x	
2	002	250	35A@250Vac	0.0698	30.0	N/A	N/A	x	x
2.5	02.5	250	10KA@125Vac	0.0502	50.0	N/A	N/A	x	x

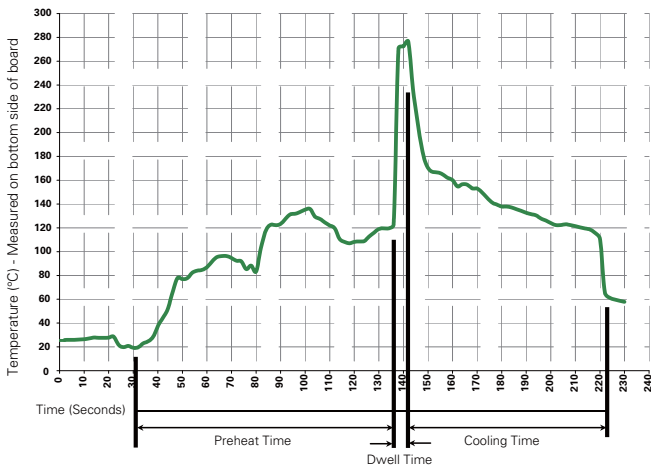
### Temperature Derating Curve



### Average Time Current Curves



### Soldering Parameters - Wave Soldering



### Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
<b>Preheat:</b> (Depends on Flux Activation Temperature)	
Temperature Minimum:	100° C (Typical Industry Recommendation)
Temperature Maximum:	150° C
Preheat Time:	60-180 seconds
<b>Solder Pot Temperature:</b>	260° C Max
<b>Solder Dwell Time:</b>	2-5 seconds

### Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5° C  
 Heating Time: 5 seconds max.

**Note: These devices are not recommended for IR or Convection Reflow process.**

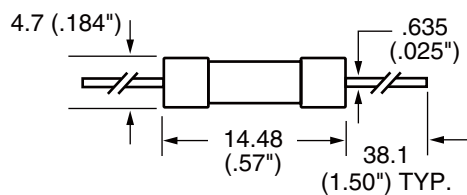
### Product Characteristics

<b>Materials</b>	Body: Glass Cap : Nickel-plated brass Leads: Tin-plated Copper
<b>Terminal Strength</b>	MIL-STD-202G, Method 211A, Test Condition A
<b>Solderability</b>	Reference IEC 60127, Second Edition 2003-01 Annex A
<b>Product Marking</b>	Cap1 : Brand logo, current and voltage ratings Cap2 : Series and agency approval marks

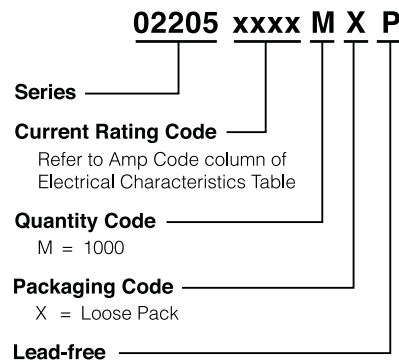
<b>Operating Temperature</b>	-55°C to +125°C
<b>Thermal Shock</b>	MIL-STD-202G, Method 107G, Test Condition B (5 Cycles -65°C to +125°C).
<b>Vibration</b>	MIL-STD-202G, Method 201A
<b>Humidity</b>	MIL-STD-202G, Method 103B, Test Condition A: High RH (95%) and Elevated Temp (40°C) for 240 hours
<b>Salt Spray</b>	MIL-STD-202G, Method 101D, Test Condition B

### Dimensions

#### 2205 000P Series



### Part Numbering System



### Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Reel Size
Bulk	N/A	100	HX	N/A
Bulk	N/A	1000	MX	N/A

