

# Axial Lead and Cartridge Fuses

## Subminiature Glass Body

**RoHS** **Pb** **2AG** Slo-Blo® Fuse 2205P Series



The 2AG Slo-Blo® fuses are available with axial leads. Axial leaded fuses are board washable. 2AG fuses provide the same performance characteristics as their 3AG counterpart, while occupying one-third the space.

### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, <b>Minimum</b>
135%	1 hour, <b>Maximum</b>
200%	3 seconds, <b>Minimum</b>
	20 seconds, <b>Maximum</b>

**AGENCY APPROVALS:** All ratings are Listed by UL and Certified by CSA.

**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

### INTERRUPTING RATINGS:

0.75–3.0A	10,000 amperes at 125VAC
0.75–3.0A	35 amperes at 250VAC

**PACKAGING OPTIONS:** 2205P Series available on Tape and Reel per EIA-296. 2205 series available in bulk packaging. For 1000 pieces bulk, add packaging suffix MXP.

### ENVIRONMENTAL SPECIFICATIONS:

**Operating Temperature:** –55°C to 125°C.

**Shock:** MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds).

**Vibration:** MIL-STD-202, Method 201 (10–55 Hz, 0.06 inches total excursion).

**Salt Spray:** MIL-STD-202 Method 101, Test Condition B (48 hours). Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test Condition B.

**Resistance to Soldering Heat:** (Axial Leaded Fuses):

MIL-STD-202, Method 210A, Test Condition B (260°C, 3 Seconds).

**Thermal Shock:** MIL-STD-202, Method 107, Test Condition B (–65°C to 125°C).

**Moisture Resistance:** MIL-STD-202, Method 106 (90–98% RH, 65°C).

**Solderability:** (Axial Leaded Fuses): MIL-STD-202, Method 208.

### PHYSICAL SPECIFICATIONS:

**Materials:** Glass Body, Nickel-Plated Brass Fuse Caps. (Insulating sleeve option available).

### SOLDERING PARAMETERS:

Wave solder — 500°F (260°C), 3 seconds Max.  
Reflow solder — Not recommended.

### PHYSICAL SPECIFICATIONS:

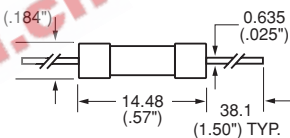
**Materials:** Glass Body, Nickel-Plated Brass Fuse Caps

### SOLDERING PARAMETERS:

Wave solder- 500°F(260°C), 3 seconds Max.  
Reflow solder- Not recommended



### 2205 000P Series



Axial Lead Material: Tin coated copper.

### ORDERING INFORMATION:

Axial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms
2205.250P	.250	250	2.41
2205.350P	.350	250	1.24
2205.375P	.375	250	1.16
2205.500P	.500	250	0.688
2205.750P	.750	250	0.340
2205 001P	1	250	0.210
2205 1.25P	1.25	250	0.145
2205 01.5P	1.5	250	0.107
2205 002P	2	250	0.0699
2205 02.5P	2.5	250	0.0505