



Part Number: **225007P**

Technology: **Fuses**

Series: **225P**

**225P Series- Lead-Free and RoHS compliant 2AG Fast-Acting Subminiature Glass Body Fuse**

- Lead-Free and RoHS Compliant
- Fast-acting performance of the 312, 3AG fuses in less than one-third the space.
- For protection of electronic equipment and appliances.

### Electrical Characteristics

Property	Value
Amp Rating (A)	7
Form Factor	2AG (5x15mm)
Fuse Class	Supplemental
$I^2t$ (A <sup>2</sup> Sec)	40
Opening Characteristic	Fast-Acting
Resistance (Ohms)	0.0123
Voltage Rating (V)	125

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# Axial Lead and Cartridge Fuses

## Subminiature Glass Body

**RoHS** **Pb** **2AG** Fast-Acting Fuse 224P/225P Series



The 2AG Fast-Acting fuses are available in cartridge form or 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. Sleeved fuses are available.

### ELECTRICAL CHARACTERISTICS:

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

**AGENCY APPROVALS:** 0.1 - 3.5A are Listed by Underwriters Laboratories and Certified by CSA. 4 - 10A are recognized under the Components Program of Underwriters Laboratories. 1 through 10 ampere approved by METI.

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

### INTERRUPTING RATINGS:

0.1–3.5A	10,000 ampere at 125 VAC
4–10A	500 ampere at 125 VAC
0.1–1A	35 ampere at 250 VAC
1.5–3.5A, 5A	100 ampere at 250 VAC

**PACKAGING OPTIONS:** 224P Series available on Tape and Reel per EIA-296. For 1500 pieces per reel, add packaging suffix DRT1P. See page 8 for pitch Dimensions. 224P, 225P series available in bulk packaging. For 1000 pieces bulk add packaging suffix MXP.

### PATENTED

### ORDERING INFORMATION:

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec.
225.100P	224.100P	1/10	250	6.15	0.000750
225.125P	224.125P	1/8	250	3.90	0.00286
225.250P	224.250P	1/4	250	1.15	0.0300
225.375P	224.375P	3/8	250	0.395	0.171
225.500P	224.500P	1/2	250	0.265	0.365
225.750P	224.750P	3/4	250	0.152	1.05
225.001P	224.001P	1	250	0.102	2.22
225.01.5P	224.01.5P	1½	250	0.0705	0.800
225.002P	224.002P	2	250	0.0490	1.50
225.02.5P	224.02.5P	2½	250	0.0365	2.68
225.003P	224.003P	3	250	0.0310	4.62
225.03.5P	224.03.5P	3½	250	0.0258	6.70
225.004P	224.004P	4	125	0.0233	9.40
225.005P*	224.005P	5	125	0.0179	17.00
225.006P	224.006P	6	125	0.0147	22.1
225.007P	224.007P	7	125	0.0123	40.0
225.008P	224.008P	8	125	0.0100	56.0
225.010P	224.010P	10	125	0.00675	116.0

\*Rating is available in a 250VAC version. To order please use 0224005.MX250UP.

## 2AG Special 350V

Fast-Acting Fuse



The **220 007P** subminiature fuse is intended for fluorescent lighting ballast protection or similar applications up to 350V.

**AXIAL LEAD PART NUMBER:** 220 007P (ampere rating of 3A).

**DIMENSIONS:** Same as 224P Series.

**ELECTRICAL CHARACTERISTICS:** Same as 224P Series.

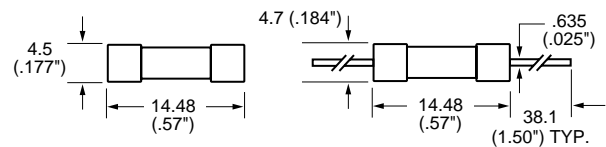
**INTERRUPTING RATING:** 100 amperes at 350 VAC.

Contact Littelfuse concerning other ampere ratings.



### 225 000P Series

### 224 000P Series



Axial Lead Material: Tin coated copper.

### Average Time Current Curves

