



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Axial Lead and Cartridge Fuses

## Subminiature

### RoHS PICO® II 250 Volt Very Fast-Acting Fuse 263 Series



The PICO® II 250 Volt Fuse is a specially designed axial leaded fuse that achieves a 250 volt rating in a small package.

- **RoHS Compliant** version now available, use ordering suffix 'L' (see example on data sheet).

#### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, <b>Minimum</b>
200%	1 second, <b>Maximum</b>
300%	0.1 second, <b>Maximum</b>

**AGENCY APPROVALS:** Recognized under the Components Program of Underwriters Laboratories and Certified by CSA.

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

**INTERRUPTING RATING:** 50 amperes at 250 VAC.

#### 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); MIL-STD-202, Method 204, Test Condition C (55–2000 Hz at 10 G's Peak).

**Salt Spray:** MIL-STD-202, Method 101, Test Condition B (48 hrs.).

**Insulation Resistance (After Opening):** MIL-STD-202, Method 302, Test Condition A (10,000 ohms minimum at 100 volts).

**Resistance to Soldering Heat:** MIL-STD-202, Method 210, Test Condition C (10 sec at 260°C).

**Thermal Shock:** MIL-STD-202, Method 107, Test Condition B (-55°C to 125°C).

**Moisture Resistance:** MIL-STD-202, Method 106.

#### PHYSICAL SPECIFICATIONS:

**Materials:** Encapsulated, Epoxy-Coated Body; Solder Coated Copper Leads. RoHS Compliant Product: Pure Tin coated copper wire leads.

#### Soldering Parameters:

Wave Solder — 260°C, 10 seconds maximum.

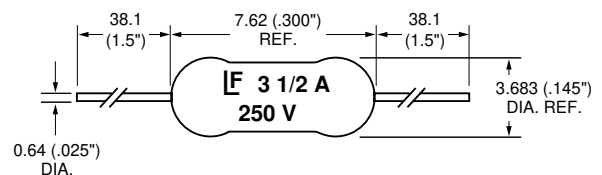
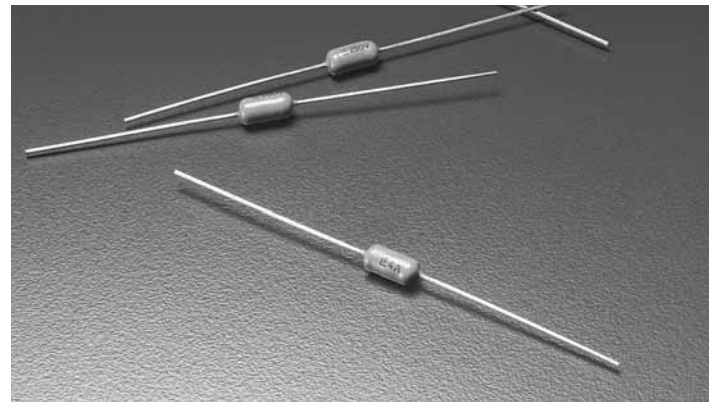
**Solderability:** MIL-STD-202, Method 208.

**Lead Pull Force:** MIL-STD-202, Method 211, Test Condition A (will withstand 7 lb. axial pull test).

#### PATENTED

#### ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec.
263.062	1/16	250	5.50	0.000192
263.125	1/8	250	1.75	0.00251
263.250	1/4	250	0.715	0.0165
263.375	3/8	250	0.391	0.0444
263.500	1/2	250	0.252	0.1125
263.750	3/4	250	0.150	0.0411
263.001	1	250	0.105	0.087
263.01.5	1 1/2	250	0.0635	0.398
263.002	2	250	0.0444	0.74
263.02.5	2 1/2	250	0.0340	1.197
263.003	3	250	0.0274	1.77
263.03.5	3 1/2	250	0.0224	2.33
263.004	4	250	0.0193	3.08
263.005	5	250	0.0145	5.55



**PACKAGING SPECIFICATIONS:** Tape and Reel per EIA-296; T1: 2.062" (52.4mm) taped spacing; 3,000 per reel.

**Options:** For **RoHS Compliant** devices add the letter 'L' to end of packaging suffix. Example: 263001.L WRT1L (RoHS Compliant 1A, 3,000 per reel).

#### Average Time Current Curves

