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!

Contact us

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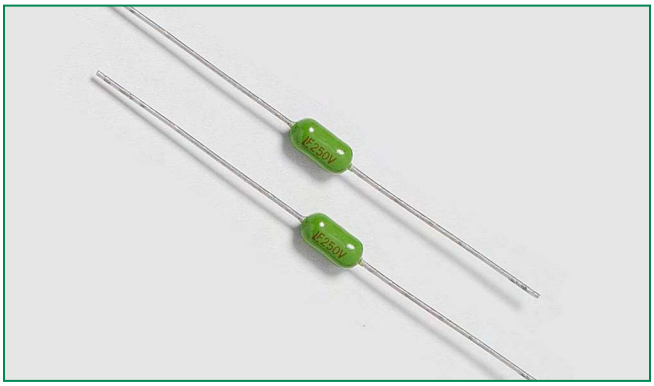
263 Series, PICO® II 250 Volt Fuse, Very Fast Acting



Description

The PICO® II 263 Series Fuse is a specially designed axial leaded fuse that achieves a 250V rating in a small package.

Features

- 250V rating
- Very fast–acting
- Small size
- Wide range of current rating available (62mA to 5A)
- RoHS compliant and Halogen-free
- Wide operating temperature range
- Low temperature rerating

Applications

- Lighting system
- Power supply
- LCD/PDP TV
- LCD monitor
- Office automation machines
- Audio/Video system
- Medical equipment

Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	0.062 - 5A
	PSE_NBK200416-JP1021	1A - 5A
	29862	0.125 - 5A

Additional Information

Datasheet | **Resources** | **Samples**

Electrical Characteristics

% of Ampere Rating	Opening Time
100%	4 Hours, **Min.**
200%	1 Second, **Max.**
300%	0.1 Second, **Max.**

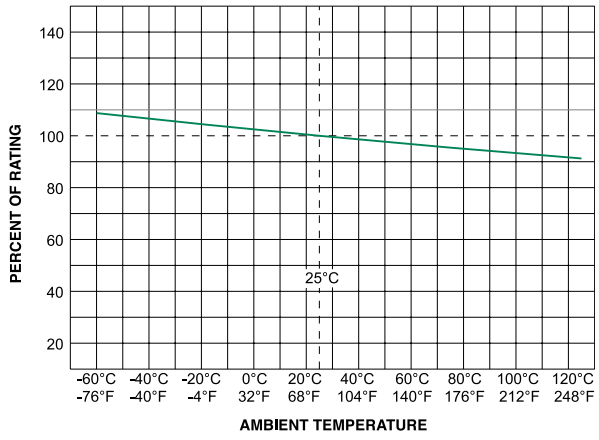
Electrical Characteristics

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec)	Nom Voltage Drop (mV)	Agency Approvals		
0.062	.062	250	50A@250VAC PSE: 100A@ 125VAC	5.50	0.000192	0.74	x		
0.125	.125	250		1.745	0.00251	0.3	x		x
0.250	.250	250		0.715	0.0165	0.235	x		x
0.375	.375	250		0.391	0.0444	0.195	x		x
0.500	.500	250		0.252	0.084	0.302	x		x
0.750	.750	250		0.150	0.0411	0.176	x		x
1.00	001.	250*		0.105	0.087	0.165	x	x	x
1.50	01.5	250*		0.0635	0.2958	0.148	x	x	x
2.00	002.	250*		0.0444	0.74	0.137	x	x	x
2.50	02.5	250*		0.0340	1.197	0.128	x	x	x
3.00	003.	250*		0.0274	1.77	0.1225	x	x	x
3.50	03.5	250*		0.0224	2.33	0.1175	x	x	x
4.00	004.	250*		0.0193	3.08	0.1125	x	x	x
5.00	005.	250*		0.0145	5.55	0.1065	x	x	x

* PSE Approval has max. voltage range of 125VAC.

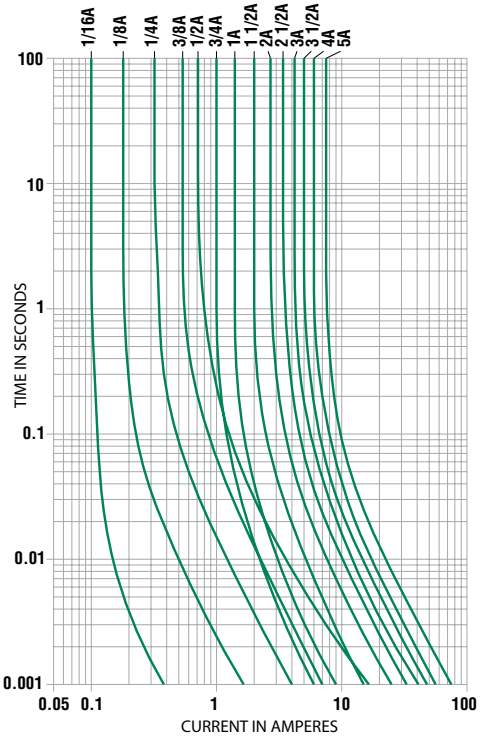
Revised: 10/10/16

Temperature Re-rating Curve



Note:
Rerating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Average Time Current Curves



Soldering Parameters

Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100° C
Temperature Maximum:	150° C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	260° C Maximum
Solder Dwell Time:	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.

Revised: 10/10/16

Axial Lead & Cartridge Fuses

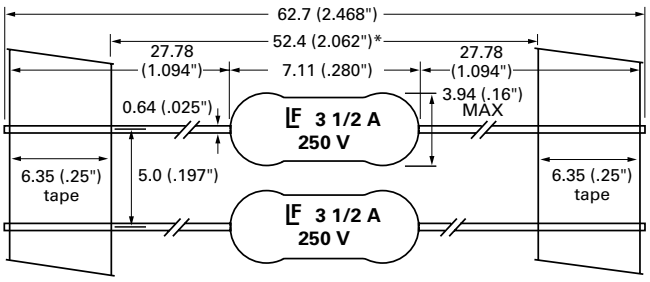
PICO® II Fuse > Very Fast-Acting Fuse > 263 Series

Product Characteristics

Materials	Encapsulated, Epoxy-Coated Body: Solder Coated Copper Leads. RoHS compliant Product: Pure Tin–coated Copper wire leads
Solderability	MIL-STD-202. Method 208.
Product Marking	Body marking, current rating and logo
Operating Temperature	–55°C to +125°C (Consider re-rating)
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
Lead Pull Force	MIL-STD-202, Method 211, Test Condition A (will withstand 7 lb. axial pull test)

Dimensions



Part Numbering System

0263 xxxx W R T1 L

Series

Current Rating
Refer to Amp Code column of Electrical Characteristics Table

Quantity
W = 3000
M = 1000
H = 100

Type of Packaging
R = Reel
A = Ammo Pack
X = Loose Pack

Lead Length
T1: 52.4mm (2.062")*

RoHS + HF

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
T1: 52.4mm (2.062") Tape and Reel	EIA 296	Please refer to available quantities above in "Part Numbering System"	

Notes: * T1 dimension is defined as the length of the component between the two tapes. The full component length is 62.7mm (2.468").

Revised: 10/10/16