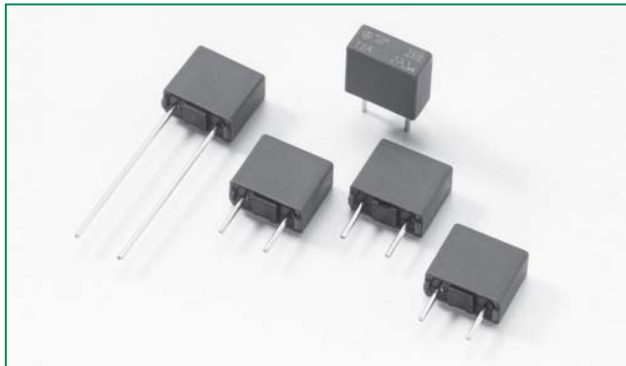


**RoHS** **Pb** **369 Series, TE5®, Time-Lag Fuse**




### Description

TE5®, Time-lag type, 300V rated and designed in accordance to IEC60127-3.

### Features

- Lead-free
- Reduced PCB space requirements
- Direct solderable or plug-in versions
- Internationally approved
- Low internal resistance
- Shocksafe casing
- Vibration resistant
- Halogen free

### Agency Approvals

Agency	Agency File Number	Ampere Range
	E67006	1A - 6.3A
	JET 1896-31007-2002	1A - 5A



### Applications

- Electronic Ballast

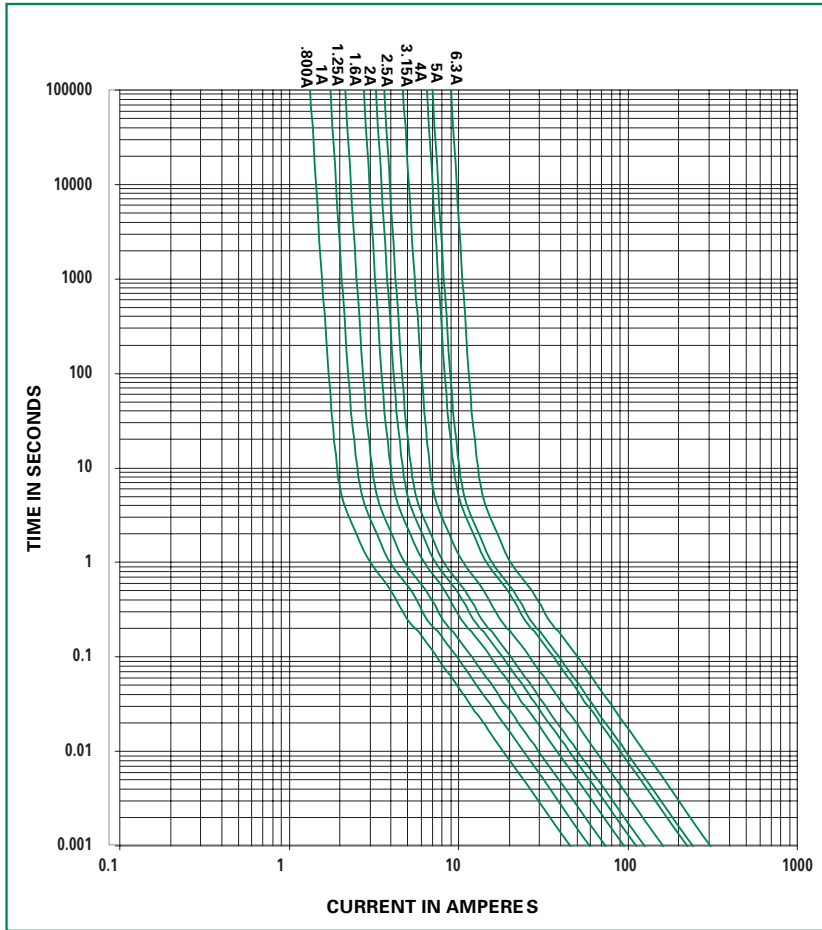
### Electrical Characteristics for Series

% of Ampere Rating	Opening Time
150%	1 Hour, Minimum
210%	120 sec., Maximum
275%	400 ms., Min.; 10 sec., Max.
400%	150 ms., Min.; 3 sec., Max.
1000%	20 ms., Min.; 150 ms., Max.

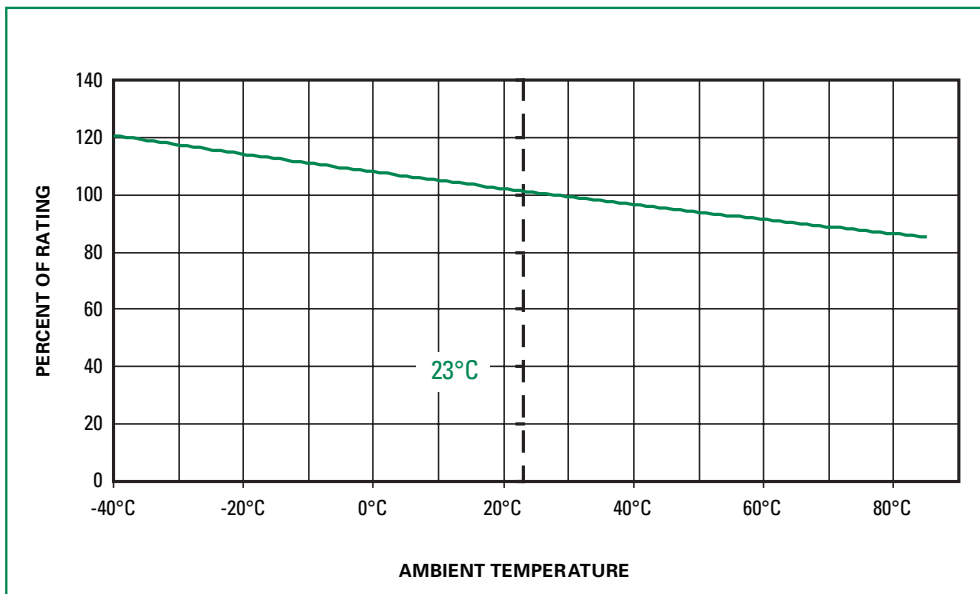
### Electrical Characteristics Specifications by Item

Amp Code	Amp Rating (A)	Max Voltage Rating (V)	Breaking Capacity 50-60Hz/cosφ = 1	Voltage Drop 1.0 x I <sub>N</sub> max. (mV)	Power Dissipation 1.5 x I <sub>N</sub> max. (mW)	Melting Integral 10 x I <sub>N</sub> min. (A <sup>2</sup> s)	Agency Approvals	
								
1100	1.00	300	50A@300VAC	115	400	5.80	X	X
1160	1.60	300		95	600	13.50	X	X
1200	2.00	300		90	700	21.00	X	X
1315	3.15	300		80	1100	55.00	X	X
1400	4.00	300		75	1200	100.00	X	X
1500	5.00	300		70	1000	90.00	X	X
1630	6.30	300		65	1200	126.00	X	X

Average Time Current Curves



Temperature Derating Curve

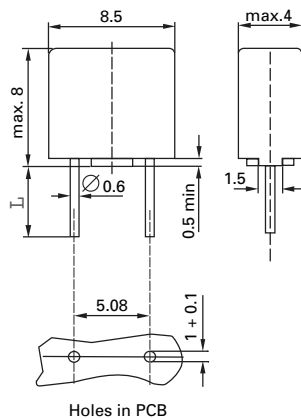


**Product Characteristics**

<b>Materials</b>	Base/Cap: Brown Thermoplastic Polyamide PA6.6, UL 94 V0 Round Pins: Tin-plated Copper
<b>Lead Pull Strength</b>	10 N (IEC 60068-2-21)
<b>Solderability</b>	260°C, ≤ 3s (Wave) 350°C, ≤ 1s (Soldering Iron)
<b>Soldering Heat Resistance</b>	260°C, 10s (IEC60068-2-20) 350°C, 3s (Soldering Iron)

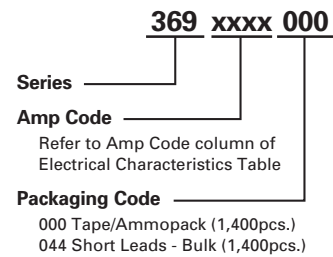
<b>Operating Temperature</b>	-40°C to +85°C (consider de-rating)
<b>Climatic Category</b>	-40°C / +85°C / 21 days (EN60068-1,-2-1,-2-2,-2-78)
<b>Stock Condition</b>	+10°C to +60°C relative humidity 75% yearly average, without dew, maximum value for 30 days-95%
<b>Vibration Resistance</b>	24 cycles at 15min. Each (EN60068-2-6) 10 - 60 Hz at 0.75 mm amplitude 60 - 2000 Hz at 10g acceleration

**Dimensions**



Long Leads (L=18.8mm)  
Short Leads (L=4.3mm)

**Part Numbering System**



**Packaging**

Packaging Option	Quantity	Packaging Code
<b>369 Series</b>		
Tape & Ampopack	1,400	000
Short Leads	1,400	044