阅读申明

1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描叙上的差异，建议读者做出适当判断。
4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

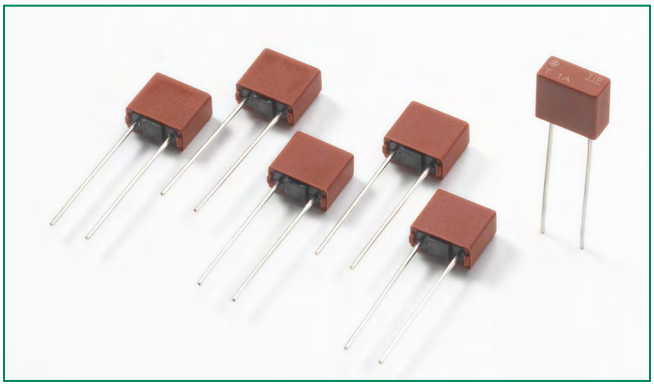
1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.

2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader’ s learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.

3. All product information provided on the website refer to solutions from manufacturers’ technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.

4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with “Datasheets”.

385 Series, TE5® Telecom Interface Protector Fuse



Description

The 385 Series TE5R Telecom Interface Protector Fuses are 125V rated, Time-Lag type and designed in accordance to UL 248-14.

Features

- Surge proof for telecom applications
- Reduced PCB space requirements
- Highly defined cut-off times
- Low internal resistance
- Irreversible physical separation
- Flame resistant encapsulated casing
- Available from 0.350A to 1.5A

Applications

- Battery chargers
- Consumer Electronics
- Telecom
- Power supplies
- Industrial controllers

Agency Approvals

Agency	Agency File Number	Ampere Range
c UL us	E67006	0.350A - 1.5A

Additional Information

Datasheet | Resources | Samples

Electrical Characteristics

% of Ampere Rating	Opening Time
100%	2 Hours,
300%	300 ms., Min.; 5 sec., Max.

Electrical Characteristics

Amp Code	Rated Current	Voltage Rating	Breaking Capacity	Nominal Cold Resistance (Ohms)	Voltage Drop 1.0×I_N max. (mV)	Power Disspation 1.0×I_N max. (mW)	Melting Integral 10×I_N max. (A^2s)	Surge Amplitude (A)[1]			Agency Approvals
								FCC	Bellcore	ITU	c UL us
0350	350mA	125V	50A @125VAC	0.4320	250	90	0.78	32	19	36	x
0500	500mA	125V		0.2570	220	110	1.81	48	26	61	x
0800	800mA	125V		0.1290	170	130	4.35	80	42	67	x
1100	1.00A	125V		0.0830	140	130	6.75	100	52	67	x
1125	1.25A	125V		0.0610	125	140	9.84	128	65	67	x
1150	1.50A	125V		0.0495	120	170	11.52	155	78	67	x

[1] FCC 47 Part 68: Minimum pulse load quantity is 2 pulses at a test generator output of 800V and 10x560µs waveform.
ITU-T K.20: Minimum pulse load quantity is 30 pulses at a test generator output of 1000V, 67A and 10x700µs waveform.
Bellcore GR-1089: Minimum pulse load quantity is 50 pulses at a test generator output of 1000V and 10x1000µs.

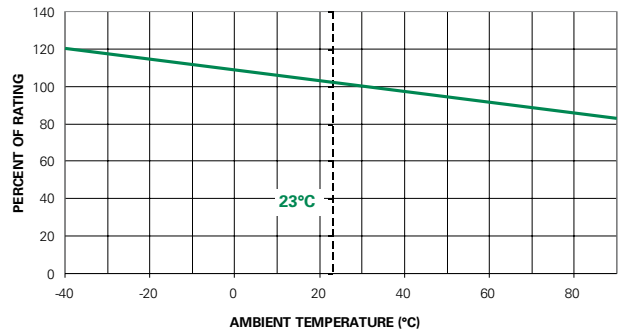
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Revised: 11/17/15

Radial Lead Fuses

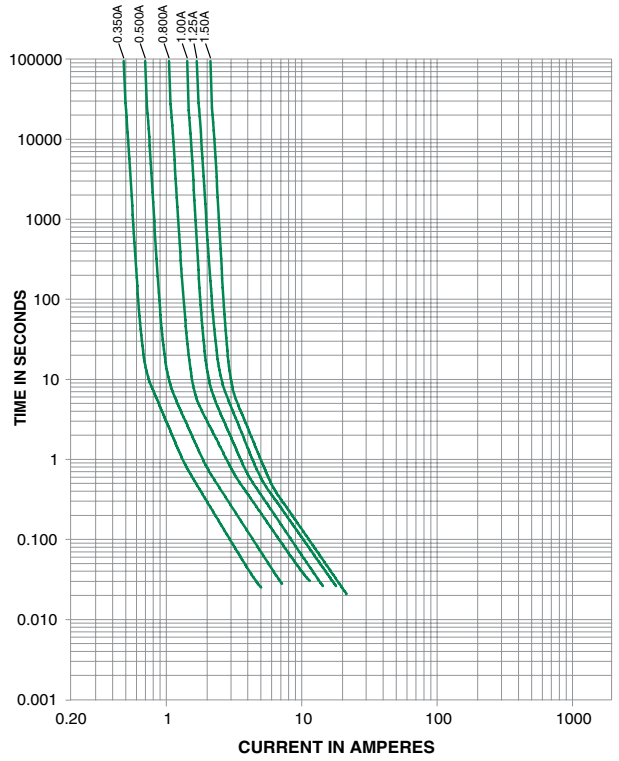
TE5® > Transient Tolerant Fuse > 385 Series

Temperature Re-rating Curve

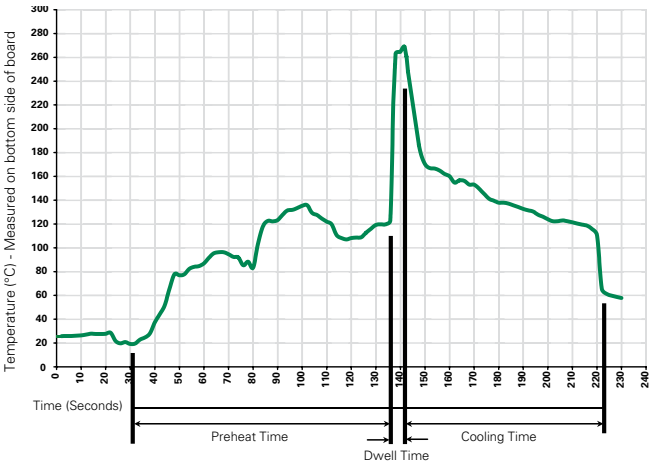


Note:
1. Rerating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Average Time Current Curves



Soldering Parameters - Wave Soldering



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

Solder Iron Temperature: 350°C +/- 5°C
Heating Time: 5 seconds max.

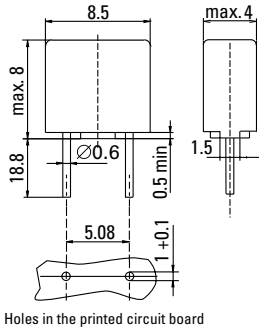
Revised: 11/17/15

Product Characteristics

Materials	Base/Cap: Brown Thermoplastic Polyamide PA 6.6, UL 94V-0 Round Pins: Copper, Tin-plated
Lead Pull Strength	10N (IEC 60068-2-21)
Solderability	260°C, ≤ 3s. (Wave) 350°C, ≤ 1s. (Soldering Iron)
Soldering Heat Resistance	260°C, 10s. (IEC 60068-2-20) 350°C, 3s. (Soldering Iron)

Operating Temperature	-40°C to +85°C (consider re-rating)
Climatic Category	-40°C to +85°C/21 days (IEC 60068-1,-2-1,-2-2,-2-78)
Stock Conditions	+10°C to +60°C RH, ≤ 75% yearly average, without dew, maximum value for 30 days-95%
Vibration Resistance	24 cycles at 15 min. each (IEC 60068-2-6) 10 - 60Hz at 0.75mm amplitude 60 - 2000Hz at 10g acceleration

Dimensions



Dimensions (mm)
Long Leads (L=18.8mm)

Part Numbering System

385 xxxx 0000

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Packaging Code
0000 Tape/Ammopack (1,400 pcs.)

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
385 Series				
Tape & Ammopack	N/A	1,400	0000	N/A

Revised: 11/17/15