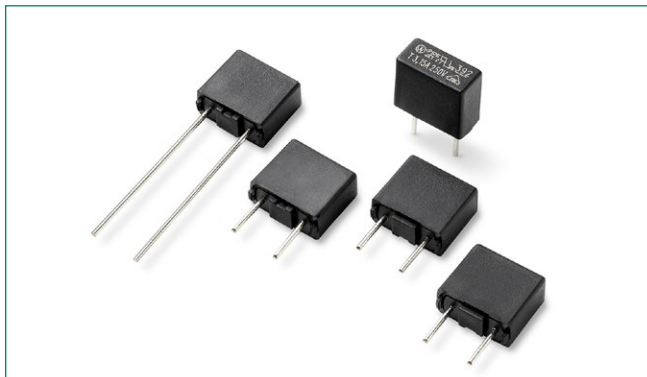


Radial Lead Fuses

5 > - ☒ > 392

392

5



Description

The 392 Series is a TE5 Fuse. It is a time-Lag, 250V rated fuse that is designed in accordance to IEC 60127-3, Standard Sheet 4.

Features

- Reduced PCB space requirements
- Direct solderable or plug-in versions
- Internationally approved
- Low internal resistance
- Shock safe casing
- Vibration resistant
- Halogen free, Lead-free and RoHS compliant
- Red Phosphorus Free
- Conforms to EN/IEC/J/K 60127-1 and EN/IEC/J/K 60127-3
- Conforms to GB/T 9364.1 and GB/T 9364.3
- Recognized to UL/CSA/NMX 248-1 and UL/CSA/NMX 248-14

Agency Approvals

Agency	Agency File Number	Ampere Range
	126983	0.28A - 6.3A*
	1606079	0.8A - 6.3A
	E67006	0.28A - 6.3A
	JET1896-31007-2002	1A - 5A
	CQC07012021162	0.8A - 6.3A
	SU05024 - 7013A	0.8A
	SU05024 - 7014B	1A - 2.5A
	SU05024 - 7015B	3.15A
	SU05024 - 7016B	4A
	SU05024 - 7017B	5A
	SU05024 - 7018B	6.3A

*Red Phosphorus Free from 0.28A to 5A.

Applications

- Battery Chargers
- Consumer Electronics
- Power supplies
- Industrial Controllers
- Chargers

Electrical Characteristics for Series

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

Additional Information



Datasheet



Resources



Samples

Electrical Characteristic Specifications by Item

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Nominal Cold Resistance (Ohms)	Voltage Drop $1.0 \times I_N$ max. (mV)	Power Dissipation $1.5 \times I_N$ max. (mW)	Melting Integral $10 \times I_N$ max. (A ² s)	Agency Approvals					
280 mA	0280	250V	35A@250VAC	0.3300	115	168	0.048	x	-	x	-	-	-
800 mA	0800	250V	25A@250VAC	0.0960	110	280	5.120	x	x	x	-	x	x
1.00 A	1100	250V		0.0715	115	400	8.00	x	x	x	x	x	x
1.25 A	1125	250V		0.0569	100	500	11.95	x	x	x	x	x	x
1.60 A	1160	250V		0.0400	95	600	18.43	x	x	x	x	x	x
2.00 A	1200	250V		0.0298	90	700	29.00	x	x	x	x	x	x
2.50 A	1250	250V		0.0240	85	750	47.81	x	x	x	x	x	x
3.15 A	1315	250V	32A@250VAC	0.0170	80	1100	78.39	x	x	x	x	x	x
4.00 A	1400	250V	40A@250VAC	0.0128	75	1200	126.40	x	x	x	x	x	x
5.00 A	1500	250V	50A@250VAC	0.0101	70	1000	106.25	x	x	x	x	x	x
6.30 A	1630	250V	63A@250VAC	0.0077	65	1200	160.74	x	x	x	-	x	x

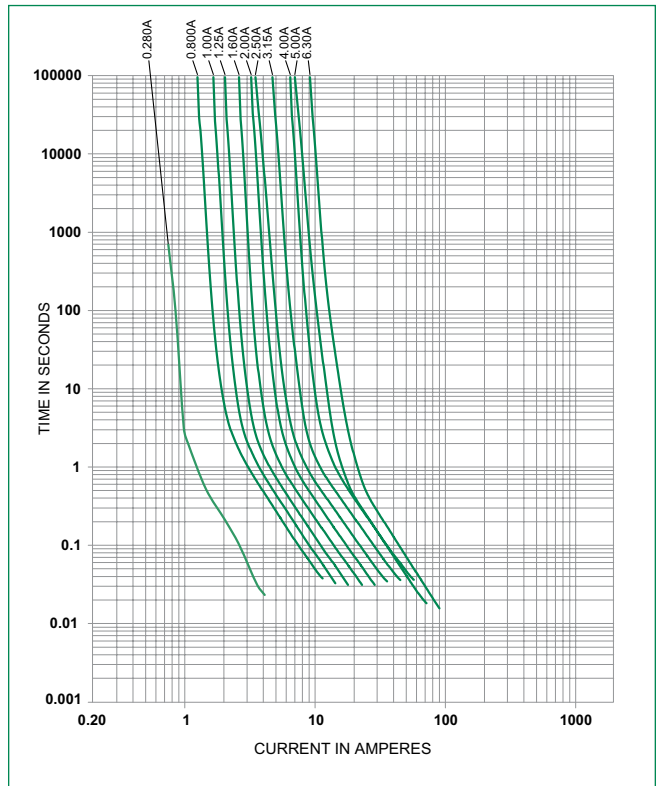
Notes:

- 1) 1.00 means the number one with two decimal places, 1,000 means the number one thousand.
- 2) Resistance is measured at 10% of rated current, 25°C.

Radial Lead Fuses

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Average Time Current Curves



Wave Soldering



Dwell Time

Minimum:

Standard derating of 25% for

Radial Lead Fuses

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Product Characteristics

Materials	Base/Cap: Thermoplastic Polyamide PA 6,6, UL 94 V-0 Round Pins: Copper, Tin-plated
Lead Pull Strength	10 N (IEC 60068-2-21)
Solderability	260 C, 3 sec. (Wave) 350 C, 3 sec. (Soldering iron)
Soldering Heat Resistance	260 C, 10 sec. (IEC 60068-2-20) 350 C, 3 sec. (Soldering iron)

Operating Temperature	-40 C to +125 C (Consider re-rating)
Climatic Category	-40 C to +85 C/21 days (IEC 60068-1, -2-1, -2-2, -2-78)
Stock Condition	+10 C to +60 C Relative humidity 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

