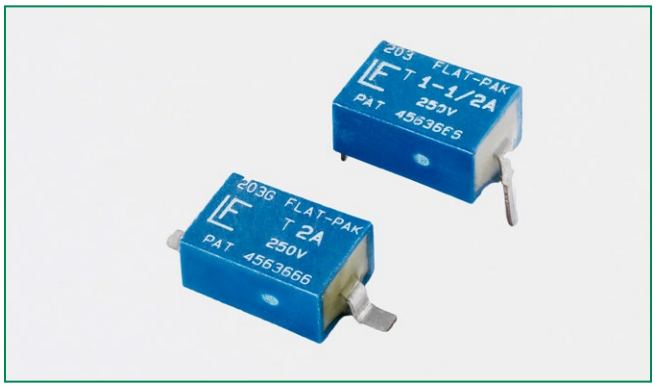
203 Series Fuse



Description

Fast-Acting (202 Series) and Slo-Blo(R) (Series 203) Fuse versions of the Flat-Pak® Fuse designs are available. Both designs are available in either a gull-wing surface mount package or a DIP configuration for through-hole mounting. These fuse designs feature a 250 VAC rating in a low profile, rectangular package.

Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	0.250A - 5A
	29862	0.250A - 5A

Additional Information

Datasheet | Resources | Samples

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	1 second, Min; 30 seconds Max.

Electrical Specifications by Item

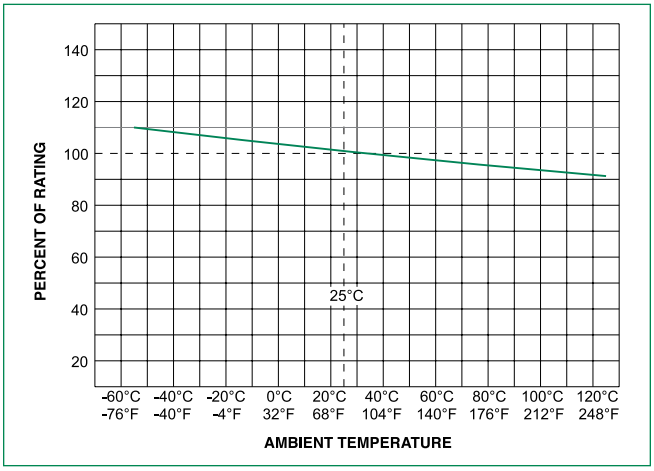
Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2sec)	Agency Approvals	
0.25	.250	250	50A@250VAC	1.320	0.0126	x	x
0.50	.500	250		0.433	0.112	x	x
0.75	.750	250		0.158	0.462	x	x
1.00	001.	250		0.0755	0.328	x	x
1.50	01.5	250		0.0399	0.850	x	x
2.00	002.	250		0.0337	1.70	x	x
2.50	02.5	250		0.0243	2.87	x	x
3.00	003.	250		0.0197	4.40	x	x
4.00	004.	250		0.0148	11.66	x	x
5.00	005.	250		0.0120	14.7	x	x

Revised: 07/30/19

Surface Mount Fuses

FLAT-PAK® Slo-Blo® Fuse > 203 Series

Temperature Re-rating Curve

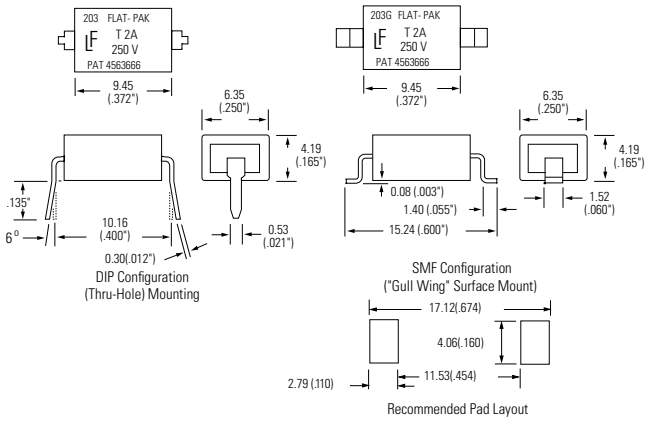


Note:
1. Rerating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

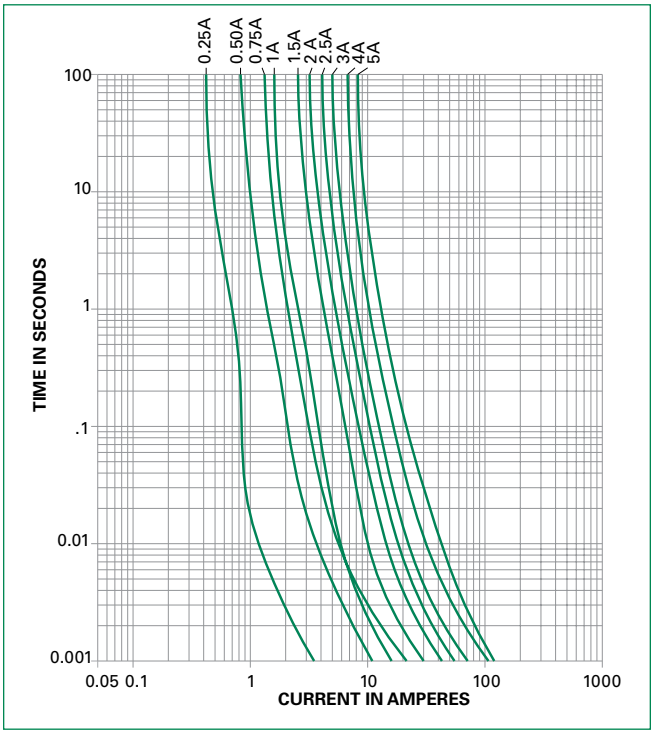
Soldering Parameters

Wave Soldering	260°C, 3 seconds max.
Reflow Soldering	215°C, 30 seconds max.

Dimensions



Average Time Current Curves



Product Characteristics

Materials	Body: Thermoplastic Terminations: Tin/Lead Plated Copper
Solderability	MIL-STD-202, Method 208.
Cleaning	Board washable in most common solvents.
Operating Temperature	–55°C to 125°C

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
Surface Mount Fuses			
Bulk	–	100	HXG
24mm Tape and Reel	EIA 481 (IEC60286, part 3)	500	URG
Through Hole Fuses			
Antistatic Magazine	–	100	H

Part Numbering System

Surface Mount Fuses:

0203 002. HXG

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
HXG = 100
URG = 500

Through Hole Fuses:

0203 002. H

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
H = 100

Revised: 07/30/19