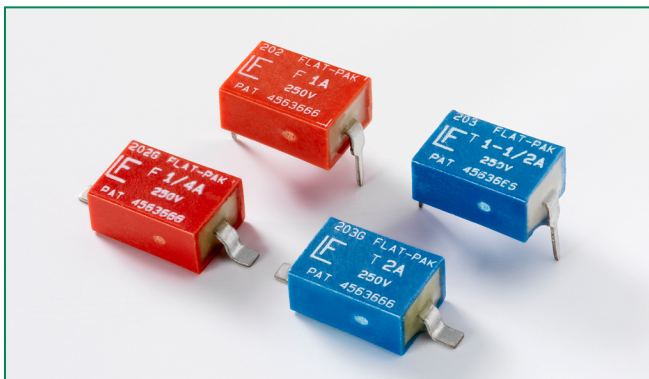


203 Series Fuse



Description

Fast-Acting and Slo-Blo® 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	1/4mA - 5A
	LR29862	1/4mA - 5A

Additional Information



Datasheet



Resources



Samples

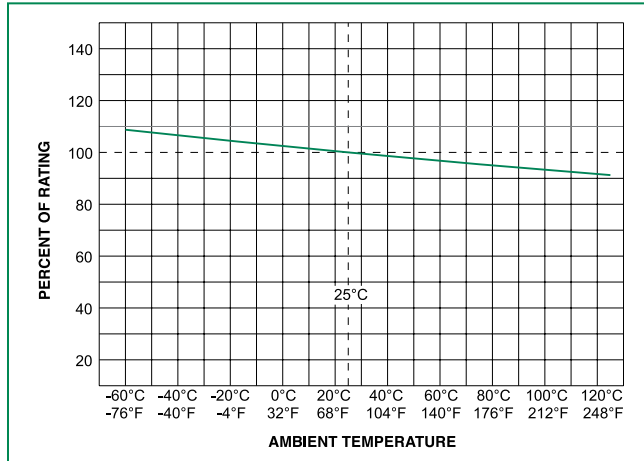
Electrical Characteristics for Series

% 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 ² t (A ² sec)	Agency Approvals	
							
0.25	.250	250	50 amperes @250 VAC	1.36	0.0126	x	x
0.50	.500	250		0.433	0.112	x	x
0.75	.750	250		0.158	0.327	x	x
1.00	.001.	250		0.0755	0.328	x	x
1.50	.015	250		0.0390	0.850	x	x
2.00	.002.	250		0.0345	1.70	x	x
2.50	.025	250		0.0237	2.87	x	x
3.00	.003.	250		0.0197	4.40	x	x
4.00	.004.	250		0.0148	8.75	x	x
5.00	.005.	250		0.0124	14.7	x	x

Temperature Derating Curve



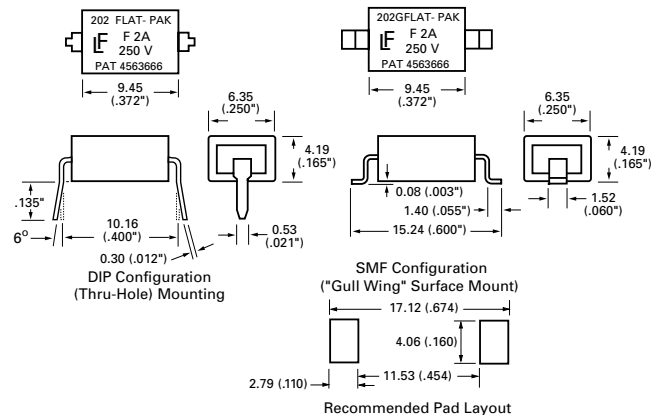
Note:

- Derating 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.

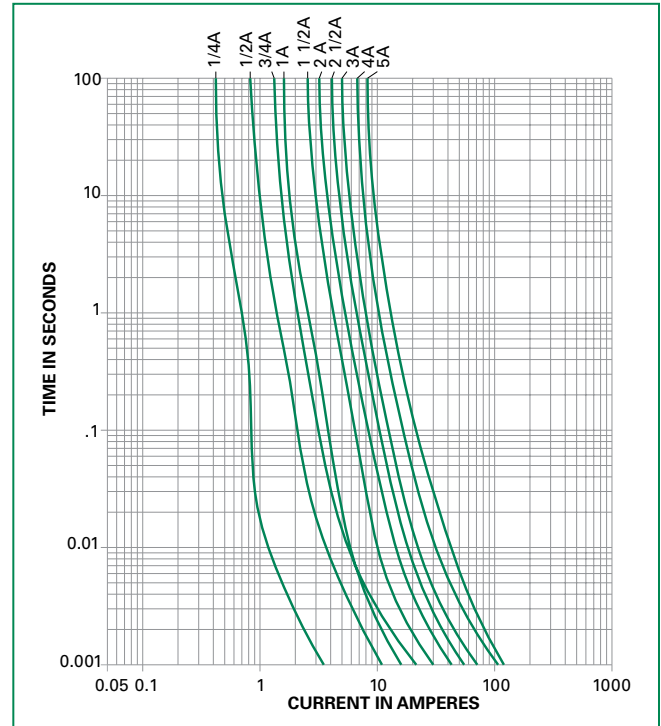
Dimensions



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

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

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