202 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/ CERTIFICATE NUMBER	AMPERE RANGE
	E10480	0.063 A–5 A
	29862	0.063 A–5 A

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

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	2 seconds, Maximum

Part Numbering System

Surface Mount Fuses:

0202 002. HXG

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
HXG = 100
URG = 500

Through-Hole Fuses:

0202 002. H

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
H = 100

Electrical Specifications by Item

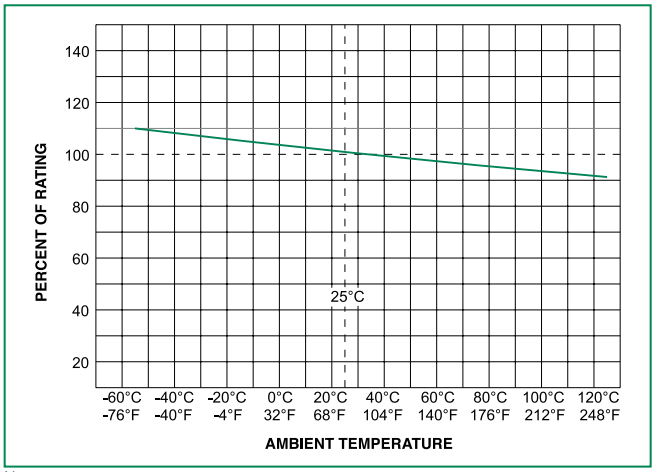
Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A²sec)	Agency Approvals	
0.062	.062	250	50A@250VAC	7.9000	0.000220	x	x
0.125	.125	250		2.4500	0.00180	x	x
0.250	.250	250		0.8800	0.0147	x	x
0.500	.500	250		0.2980	0.0363	x	x
0.750	.750	250		0.1660	0.0980	x	x
1.00	001.	250		0.1190	0.192	x	x
1.50	01.5	250		0.0701	0.540	x	x
2.00	002.	250		0.0469	1.07	x	x
2.50	02.5	250		0.0455	1.76	x	x
3.00	003.	250		0.0327	1.71	x	x
4.00	004.	250		0.0244	3.00	x	x
5.00	005.	250		0.0174	4.68	x	x

Revised: June 7, 2021 2:58 PM

Surface Mount Fuses

FLAT-PAK® Fast-Acting Fuse > 202 Series

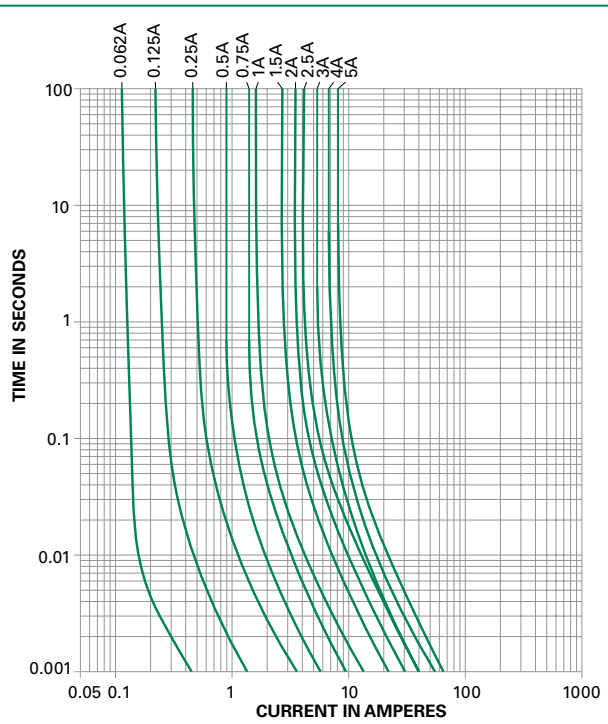
Temperature Re-rating Curve



Note:

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

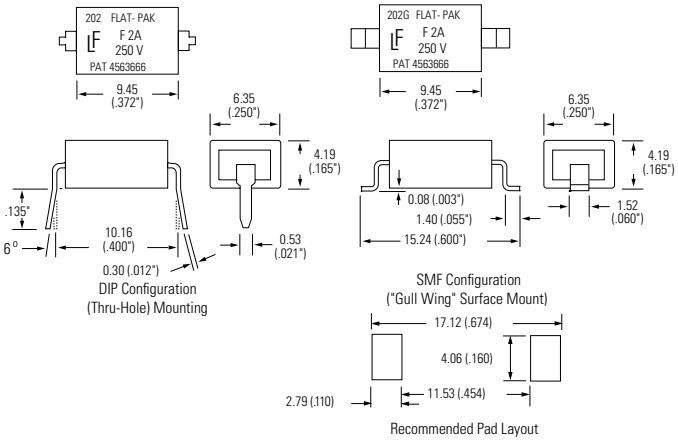
Average Time Current Curves



Soldering Parameters

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

Dimensions mm (inch)



Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
Surface Mount Fuses			
Bulk	–	100	HXG
24mm Tape and Reel	EIA 481 (IEC 60286-3)	500	URG
Through Hole Fuses			
Antistatic Magazine	–	100	H