

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 NUMBER	AMPERE RANGE	
71	E10480	1/16mA - 5A	
(LR29862	1/16mA - 5A	

Electrical Characteristics for Series

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

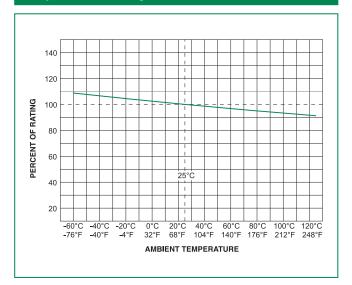
Electrical Specifications by Item

Ampere		Max	latous satis a	Nominal Cold N	Nominal	Agency Approvals	
Rating (A)	Amp Code	Voltage Rating (V)	Interrupting Rating	Resistance (Ohms)	Melting I²t (A²sec)	<i>71</i> 2	(
0.062	.062	250		7.9000	0.000220	Х	Х
0.125	.125	250		2.4500	0.00180	Х	Х
0.250	.250	250		0.8800	0.0147	Х	Х
0.500	.500	250		0.2980	0.0363	Х	Х
0.750	.750	250		0.1660	0.0980	Х	Х
1.00	001.	250	50 amperes	0.1190	0.192	Х	Х
1.50	01.5	250	@250 VAC	0.0701	0.540	Х	Х
2.00	002.	250		0.0469	1.07	Х	Х
2.50	02.5	250		0.0455	1.76	Х	Х
3.00	003.	250		0.0327	1.71	Х	Х
4.00	004.	250		0.0244	3.00	Х	Х
5.00	005.	250		0.0174	4.68	Х	Х

Surface Mount Fuses FLAT-PAK® Fast-Acting Fuse > 202 Series

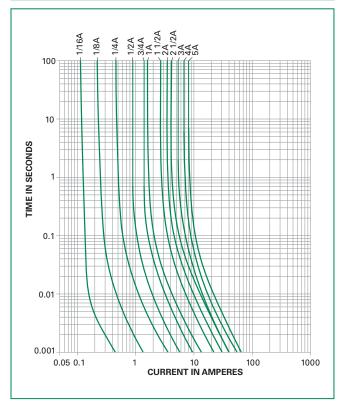


Temperature Rerating Curve



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

Average Time Current Curves



Soldering Parameters

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



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	

Dimensions Part Numbering System 202GFLAT- PA F 2A 250 V PAT 4563666 202 FLAT- PAK F 2A 250 V PAT 4563666 Ш \Box **Surface Mount Fuses:** 9.45 Series 0.08 (.003") Amp Code 1.40 (.055") -Refer to Amp Code column of 10.16 (.400") 15.24 (.600") **Electrical Characteristics Table** 0.30 (.012") SMF Configuration ("Gull Wing" Surface Mount) DIP Configuration **Quantity Code** -(Thru-Hole) Mounting HXG = 100 URG = 500 17.12 (.674) -4.06 (.160)

11.53 (.454)

Recommended Pad Layout

2.79 (.110) -

Series O202 002. HXG Series Amp Code Refer to Amp Code column of Electrical Characteristics Table Quantity Code HXG = 100 Through Hole Fuses: O202 002. H Series Amp Code Refer to Amp Code column of Electrical Characteristics Table Quantity Code H = 100

Packaging

Packaging Option	Packaging Option Packaging Specification		Quantity & Packaging Code
Surface Mount Fuses			
Bulk	-	100	HXG
24mm Tape and Reel	EIA RS-481-2 (IEC 286, part 3)	500	URG
hrough Hole Fuses			
Antistatic Magazine –		100	Н

