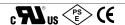
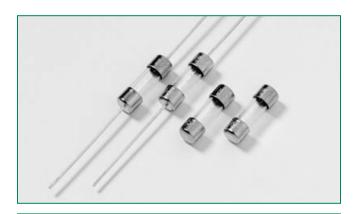




208 Series Lead-Free 2AG, Fast-Acting Fuse





Agency Approvals

Agency	Agency File Number	Ampere Range
c FL °us	E10480	125mA - 1A
PS E	NBK200405-E10480 C/D NBK060405-E10480 E/F	1A - 5A 6A - 10A
Œ		125mA - 10A

Description

Littelfuse 208 Series (2AG) 350V Fast-Acting Fuses are available in cartridge form or with axial leads. This series provides the same performance characteristics as its 3AG counterpart, while occupying one-third the space. Sleeved fuses are available.

Features

- In accordance with Underwriter's Laboratories Standard UL 248-14
- Fuses are boardwashable in most solvents
- Available in cartridge and axial lead form and with various lead forming dimensions
- RoHS compliant and Lead-free

Applications

Electrical ballasts used in fluorescent lighting and other applications

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 Hours, Min .
135%	1 Hour, Max.
200%	1 Second, Max .

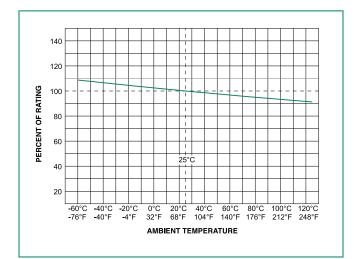
Electrical Characteristic Specifications by Item

		Voltage	Interrupting	Nominal Cold	d Nominal Melting I²t (A² sec)	Agency Approvals		
Amp Code	Amp Rating	Rating	Rating	Resistance (Ohms)		c '71 °us	PSE	Œ
.125	0.125	350		3.900	0.00286	x		х
.250	0.250	350		1.150	0.0300	x		х
.375	0.375	350		0.395	0.171	x		х
.500	0.500	350		0.265	0.365	x		X
.750	0.750	350		0.152	1.050	x		X
001.	1.0	350		0.103	2.220	x	x	X
01.5	1.5	350		0.0712	0.800	x	x	X
002.	2.0	350		0.0497	1.50	x	x	X
02.5	2.5	350	100A @ 350V AC	0.0372	2.68	x	x	X
003.	3.0	350		0.0317	4.62	x	x	X
03.5	3.5	350		0.0265	6.70	x	x	X
004.	4	350		0.0240	9.40	x	x	x
005.	5	350		0.0186	17.00	x	x	X
006.	6	350		0.0154	22.10	х	x	х
007.	7	350		0.0130	40	х	х	×
008.	8	350		0.0107	56	х	x	×
010.	10	350		0.0075	116	x	х	х

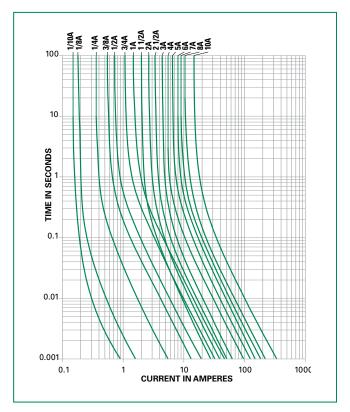
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Temperature Rerating Curve



Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation	
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)	
Temperature Minimum:	100° C	
Temperature Maximum:	150° C	
Preheat Time:	60-180 seconds	
Solder Pot Temperature:	260° C Maximum	
Solder DwellTime:	2-5 seconds	

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5°C Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

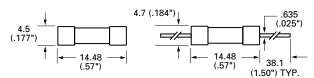
Product Characteristics

Materials	Body : Glass Cap : Nickel-plated brass Leads: Tin-plated Copper		
Terminal Strength	MIL-STD-202G, Method 211A, Test Condition A		
Solderability	Reference IEC 60127 Second Edition 2003-01 Annex A		
Product Marking	Cap1 : Brand logo, current and voltage ratings Cap2 : Series and agency approval marks		

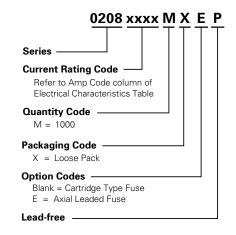
Operating Temperature:	−55°C to 125°C.	
Thermal Shock:	MIL-STD-202G, Method 107G, Test Condition B (5 Cycles -65°C to +125°C).	
Vibration MIL-STD-202G, Method 201A		
Humidity	MIL-STD-202G, Method 103B, Test Condition A: High RH (95%) and elevated temp (40°C) for 240 hours	
Salt Spray MIL-STD-202G, Method 101D, Test Condition		

Dimensions

208 000P Series **208** 000EP Series



Part Numbering System



Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width		
208 Series						
Bulk	N/A	1000	MX	N/A		
Bulk	N/A	1000	MXE	N/A		
Reel and Tape	EIA 296-E	1500	DRT1	T1=52mm (2.062")		