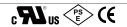




208 Series Lead-Free 2AG, Fast-Acting Fuse





Agency Approvals

Agency	Agency File Number	Ampere Range	
c FL °us	E10480	125mA - 10A	
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
- 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 .	

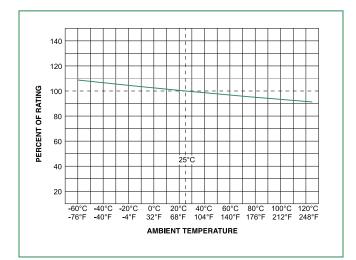
Electrical Characteristic Specifications by Item

Amp Code	Voltage	Interrupting	Nominal Cold	Nominal	Agency Approvals			
	Amp Rating	Rating	Rating	Resistance (Ohms)	Melting I²t (A² sec)	c 71 2 us	PSE	Œ
.125	0.125	350		3.900	0.00286	×		X
.250	0.250	350		1.150	0.0300	х		×
.375	0.375	350		0.395	0.171	×		X
.500	0.500	350	100A @ 350V AC	0.265	0.365	×		х
.750	0.750	350		0.152	1.050	×		X
001.	1.0	350		0.103	2.220	×	x	х
01.5	1.5	350		0.0712	0.800	×	x	X
002.	2.0	350		0.0497	1.50	×	x	х
02.5	2.5	350		0.0372	2.68	×	x	X
003.	3.0	350		0.0317	4.62	×	x	х
03.5	3.5	350		0.0265	6.70	×	x	X
004.	4	350		0.0240	9.40	×	x	х
005.	5	350		0.0186	17.00	×	x	X
006.	6	350		0.0154	22.10	×	x	х
007.	7	350		0.0130	40	×	х	X
008.	8	350		0.0107	56	×	x	х
010.	10	350		0.0075	116	Х	×	х

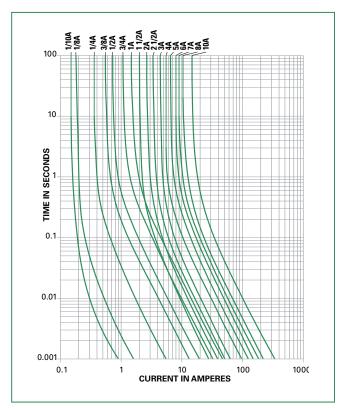
© 2009 Littelfuse, Inc.



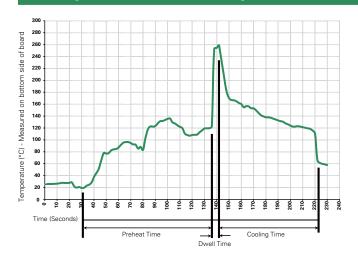
Temperature Rerating Curve



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.



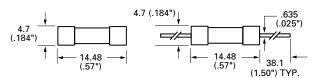
Product Characteristics

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		

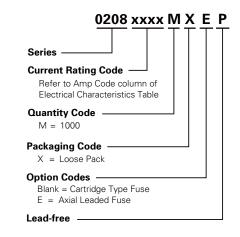
Operating Temperature:	–55°C to 125°C.
Thermal Shock:	MIL-STD-202G, Method 107G, Test Condition B (5 Cycles -65°C to +125°C).
Vibration	MIL-STD-202G, Method 201A
Humidity	MIL-STD-202G, Method 103B, Test Condition A: High RH (95%) and elevated temp (40°C) for 240 hours
Salt Spray	MIL-STD-202G, Method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

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")

