

RoHS **508 Series** Lead-Free 3AB Fuse



Agency Approvals

Agency	Agency File Number	Ampere Range
	Recognised File: E10480	315mA - 500mA
		315mA - 500mA

Electrical Characteristics

% of Ampere Rating	Ampere Rating	Opening Time
100%	315mA - 500mA	4 Hours, Minimum
135%		1 Hour, Maximum
200%		120 Seconds, Maximum

Electrical Characteristic

Amp Code	Amp Rating	Voltage Rating	Interrupting Rating	Nominal Cold Resistance (mohms)	Nominal Melting I ² t (A ² sec.)	Agency Approvals	
							
.315	0.315	1000	10kA @ 1000Vac 10kA @ 1000Vdc	9200	0.071	x	x
.500	0.5	1000		3572	0.259	x	x

* 10KA@600Vac/dc also cURus approved. Add suffix "6". Example: 0508.315MX6P.

Description

A 1000Vac/Vdc rated ceramic fuse with remarkable interrupting rating in a compact 6.3 x 32mm package, which is well suited for circuit protection in high energy applications.

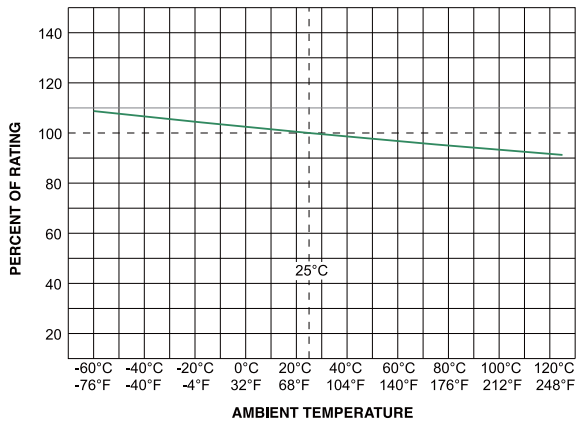
Features

- In accordance with Underwriter's Laboratories Standard UL 248-14
- Available in cartridge
- Pluggable into clips or shock safe holders
- RoHS compliant and Lead-free
- Superior Interrupting rating of 10,000 Amperes
- Compact form factor of 6.3 x 32mm

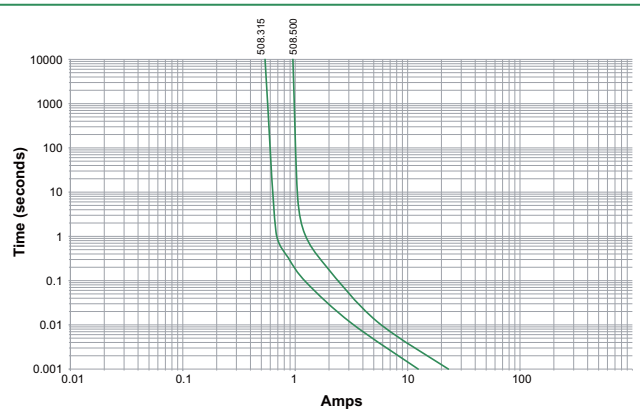
Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

Temperature Derating Curve



Average Time Current Curves

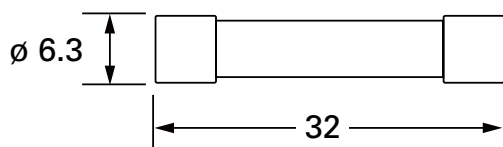


Product Characteristics

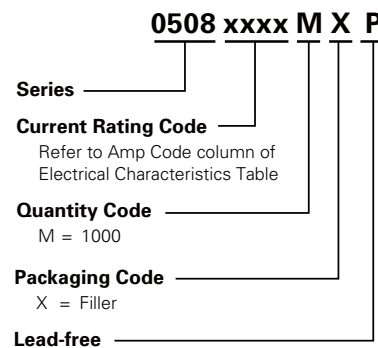
Materials	Body : Ceramic Cap : Nickel-plated brass
Terminal Strength	MIL-STD-202G, Method 211A, Test Condition A
Solderability	NA
Product Marking	Cap1 : Brand logo, current and voltage ratings Cap2 : Series and agency approval marks

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 relative humidity (95%) and elevated temp (40°C) for 240 hours
Salt Spray	MIL-STD-202G, Method 101E, Test Condition B

Dimensions



Part Numbering System



Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Reel Size
508 Series				
Bulk	N/A	1000	MX	N/A