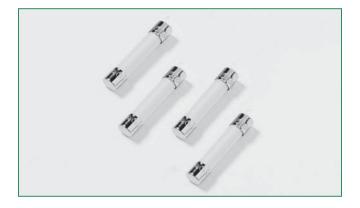
ROHS 🕖 508 Series Lead-Free 3AB Fuse

ittelfuse

Expertise Applied | Answers Delivered



Agency Approvals				
Agency	Agency File Number	Ampere Range		
c FL [®] us	Recognised File: E10480	315mA - 500mA		
Œ		315mA - 500mA		

Electrical Characteristics

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

Electrical Characteristic

Amp Code A	Amp Poting	Voltage Rating	Interrupting Rating	Nominal Cold Resistance (mohms)	Nominal Melting I²t (A² sec.)	Agency Approvals	
	Amp Rating					c FL [°] us	CE
.315	0.315	1000	10kA @ 1000Vac 10kA @ 1000Vdc	9200	0.071	х	х
.500	0.5	1000		3572	0.259	х	х

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

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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.

Cartridge Fuses 3AB 1000Vac/dc High Voltage Fuse



Temperature Rerating Curve

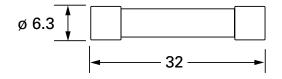
140 120 + PERCENT OF RATING 100 80 60 1 25°C 40 20 20°C 40°C 60°C 80°C 100°C 120°C 68°F 104°F 140°F 176°F 212°F 248°F -40°C -40°F -20°C -4°F -60°C -76°F 0°C 32°F AMBIENT TEMPERATURE

Product Characteristics

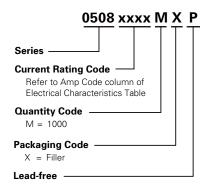
Materials	Body : Ceramic Cap : Nickel–plated brass		
Terminal Strength MILSTD-202G, Method 211A, Test Condition A			
Solderability	NA		
Product Marking	Cap1 : Brand logo, current and voltage ratings Cap2 : Series and agency approval marks		

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

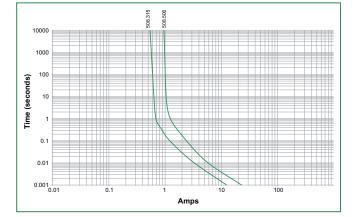


Part Numbering System



Packaging

www.DataSheet4U.com Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Reel Size		
508 Series						
Bulk	N/A	1000	MX	N/A		



Average Time Current Curves