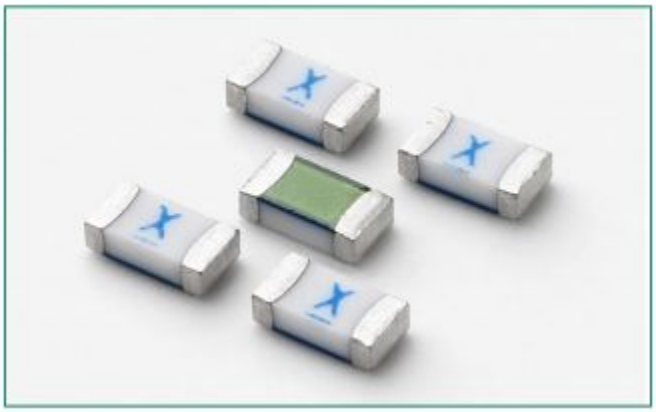
Surface Mount Fuses

Ceramic Fuse > 469 Series



The 469 Series is a 100% Lead-free, RoHS compliant and Halogen-free fuse series designed specifically to provide over-current protection to circuits that operate under high working ambient temperature up to 150ºC.

The general design ensures excellent temperature stability and performance reliability.

The high I²t values, typical in the Littelfuse Ceramic fuse family, ensure high inrush current withstand capability.

- Operating Temperature from -55ºC to +150ºC
- 100% Lead-free, RoHS compliant and Halogen-free
- Suitable for both leaded and lead-free reflow / wave soldering

Agency Approvals

AGENCY	AGENCY FILE NUMBER	AMPERE RANGE
	E10480	2A – 8A
	29862	2A – 8A

Applications

- LCD Displays
- Servers
- Notebook Computers
- Printers
- Scanners
- Data Modems
- Gaming Consoles

Electrical Characteristics for Series

% of Ampere Rating	Ampere Rating	Opening Time at 25ºC
100%	2A – 8A	4 hours, Minimum
200%	2A – 8A	1 sec., Min.; 120 secs., Max.
300%	2A – 8A	0.1 sec., Min.; 3 secs., Max.
800%	2A – 8A	0.002 sec., Min.; 0.05 sec., Max.

Additional Information

Datasheet | **Resources** | **Samples**

Electrical Specifications by Item

Ampere Rating (A)	Amp Code	Max. Voltage Rating (V)	Interrupting Rating	Nominal Resistance (Ohms)[2]	Nominal Melting I^2t ($A^2Sec.$)[3]	Nominal Voltage Drop At Rated Current (V)[4]	Nominal Power Dissipation At Rated Current (W)	Agency Approvals	
2	002.	63	60 A @ 63 VDC	0.166	0.2250	0.455	0.91	x	x
4	004.	32	60 A @ 32 VDC	0.052	3.560	0.236	0.944	x	x
5	005.	32		0.033	5.620	0.216	1.080	x	x
6	006.	24	60 A @ 24 VDC	0.026	9.410	0.274	1.644	x	x
7	007.	24		0.020	14.400	0.216	1.512	x	x
8	008.	24		0.016	23.720	0.233	1.864	x	x

Notes:

1. AC Interrupting Rating tested at rated voltage with unity power factor. DC Interrupting Rating tested at rated voltage with time constant < 0.8 msec.
2. Nominal Resistance measured with < 10% rated current.
3. Nominal Melting I²t measured at 1 msec opening time.
4. Nominal Voltage Drop measured at rated current after temperature has stabilized.

Devices designed to carry rated current for 4 hours minimum. It is recommended that devices be operated continuously at no more than 80% rated current. See “Temperature Re-rating Curve”for additional re-rating information.

Devices designed to be mounted with marking code facing up.