

Surface Mount Fuses

Thin Film® Fuse > 470 Series >1206 Fast Acting



The 470 series is a family of 125V rated high energy SMD fuses, perfect for space constrained applications. It offers the standard Nano Fuse circuit protection capability with a very small 1206 foot print.

This product is RoHS compliant, Halogen-Free and 100% Pb-Free with guaranteed operating temperature of up to 125°C.

Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	0.500 - 2A

- Very Small 1206 Footprint
 - 125V Voltage Rating
 - Fast-Acting
 - Pb-Free, RoHS Compliant and Halogen-Free
 - Wide Operating temperature range of -55°C to 125°C
- ENERGY STAR® Surge Immunity test compliant (100kHz Ring Wave, 2.5kV, 7 strikes common and differential modes) - 1.5A and above ampere rating only

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 Hours, Minimum
200%	5 Seconds, Maximum

Applications

- LED Lighting
- LCD/LED TVs
- Notebooks/PCs
- Gaming Consoles
- Battery Charging Circuit Protection
- Power Supply Units
- Telecom Systems
- White Goods

Electrical Characteristic

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I _{st} (A ² sec.)	Agency Approvals
0.500	.500	125V	50A @ 125VDC 50A @ 125VAC 300A @ 32VDC	0.5455	0.02874	x
1.00	001.	125V		0.2242	0.14785	x
1.25	1.25	125V		0.1637	0.30269	x
1.50	01.5	125V		0.1263	0.45970	x
2.00	002	125V		0.1004	0.75625	x

Note: I_{st} values stated for 8msec opening time.