

Surface Mount Fuses

NANO²[®] > Slo-Blo[®] Fuse > 449 Series



The lead free NANO²[®] Slo-Blo[®] fuse is RoHS compliant, Halogen Free and 100% lead-free. This product is fully compatible with lead-free solder alloys and higher temperature profiles associated with lead-free assembly. The Slo-Blo[®] fuse design has enhanced inrush withstand characteristics over the NANO²[®] Fast-Acting Fuse. The unique time delay feature of this fuse design helps solve the problem of nuisance “opening” by accommodating inrush currents that normally cause a fast-acting fuse to open.

AGENCY	AGENCY FILE NUMBER	AMPERE RANGE
	E10480	0.375A - 5A
	NBK030205-E10480B	1A - 5A

- Lead-free, Halogen free and RoHS compliant
- Small size
- Wide range of current ratings available
- Wide operating temperature range
- Low temperature derating

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	1 sec., Min.; 60 sec., Max.
300%	0.2 sec., Min.; 3 sec., Max
800%	0.002 sec., Min.; 0.1 sec., Max.

Applications

Secondary protection for space constrained applications:

- Notebook PC
- LCD/PDP TV
- LCD monitor
- LCD/PDP panel
- LCD backlight inverter
- Portable DVD player
- Power supply
- Networking
- PC server
- Cooling fan system
- Storage system
- Telecom system
- Wireless basestation
- White goods
- Game console
- Office Automation equipment
- Battery charging circuit protection
- Industrial equipment

Additional Information



Datasheet



Resources



Samples

Electrical Specifications by Item

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I ₂ t (A ² sec)	Agency Approvals	
						PS	E
0.375	.375	125	50A @125 VAC/VDC PSE: 100A @100 VAC	1.5130	0.088	x	
0.500	.500	125		0.7633	0.258	x	
0.750	.750	125		0.4080	0.847	x	
1.00	001.	125		0.2516	1.76	x	x
1.50	01.5	125		0.1186	4.70	x	x
2.00	002.	125		0.0708	6.76	x	x
2.50	02.5	125		0.0400	13.18	x	x
3.00	003.	125		0.0352	19.55	x	x
3.50	03.5	125		0.0261	32.70	x	x
4.00	004.	125		0.0227	40.80	x	x
5.00	005.	125	0.0171	59.59	x	x	

Notes: - I₂t calculated at 8ms. Resistance is measured at 10% of rated current, 25°C