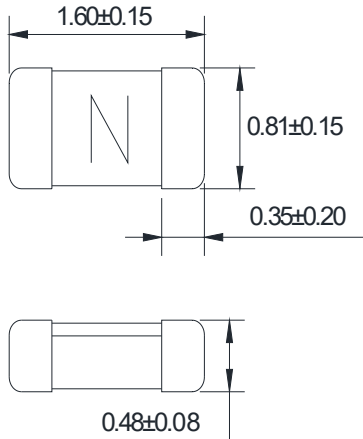


061 Chip Fuse



Dimensions (unit: mm)



Main Characteristics

Chip fuse; Fast-Acting(F)

Standard

UL248-14

Materials

Substrate: Ceramic

Termination: Silver over-plated with nickel and Tin

Operating Temperature

-55°C to +150°C

Storage Conditions

+10°C to +60°C

Relative humidity: ≤75% yearly average
Without dew, maximum 30 days at 95%

Vibration Resistance

24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

Soldering Parameters

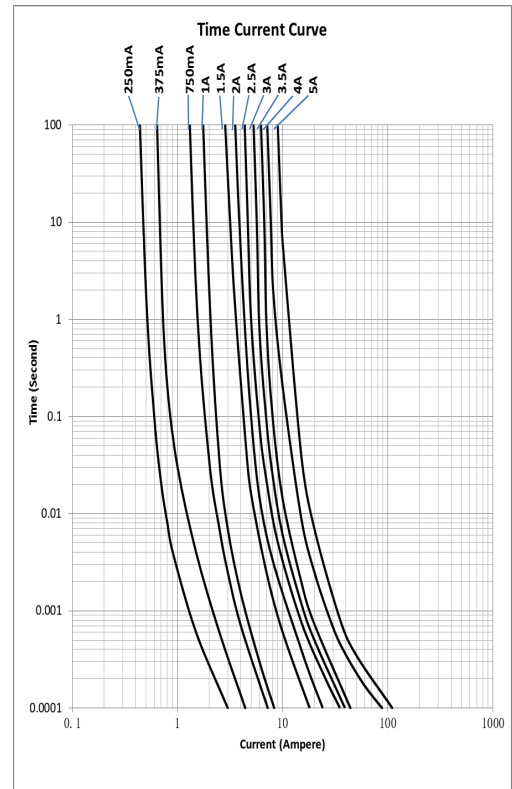
260°C. ≤10 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%
250mA~5A	>4h	<60s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop(mV)	Breaking Capacity	Typical Melting I ² T (A ² s)	Typical Cold Resistance (mΩ)	Alpha Mark	Approvals
0250	250mA	32VDC	891	50A @ 32V DC	0.00044	3200	D	•
0375	375mA		585		0.00095	1650	E	•
0500	500mA		580		0.0022	1000	F	•
0750	750mA		425		0.0094	450	G	•
1100	1.00A		203	35A @ 32V DC	0.0027	155	H	•
1125	1.25A		148		0.014	112	J	•
1150	1.50A		133		0.037	80.5	K	•
1200	2.00A		112		0.052	48	N	•
1250	2.50A		108		0.065	34	O	•
1300	3.00A		105		0.072	25	P	•
1350	3.50A		98		0.135	20	R	•
1400	4.00A		92		0.25	15.5	S	•
1500	5.00A		85		0.75	9.5	T	•

* DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arcing I²t are measured at 10In Current

Ordering Information

Series	Amp Code	Supplementary Code	Qty
061			



Sales Contact

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Technical Support

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National High-tech Enterprise
SC 32C National Technical
Committee Member of China
Intertek ISO 9001 Certified Company
Intertek ISO 14001 Certified Company
Intertek QC 080000 Certified Company
NQA IATF 16949 Certified Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系

