

061 Chip Fuse



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

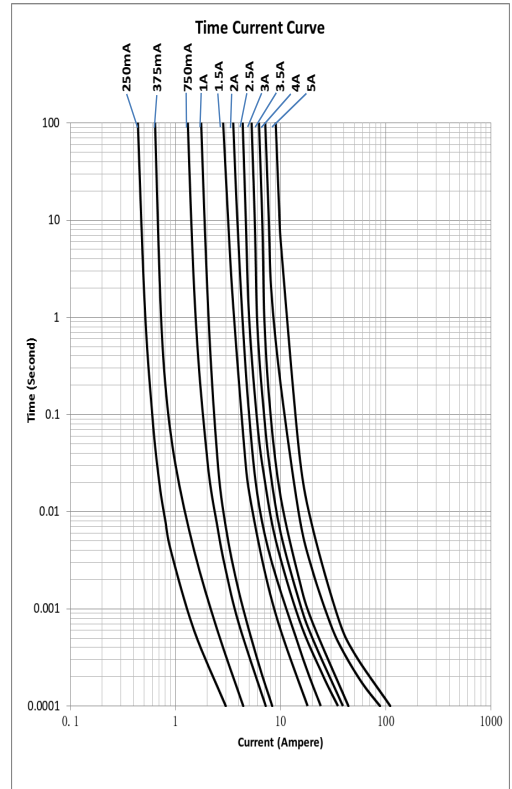
+10°C to +60°C
Relative humidity: ≤75% yearly average
Without dew, maximum 30 days at 95%

Vibration Resistance

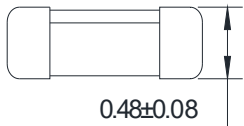
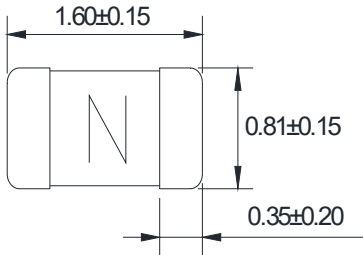
24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

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)



Dimensions (unit: mm)



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
								cURus
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		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			