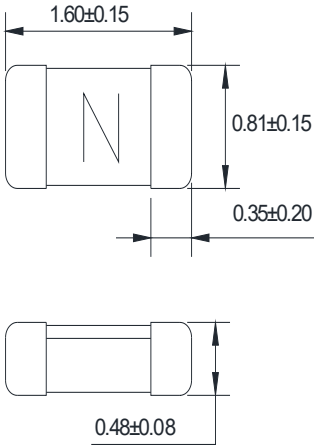


066 Chip Fuse



Dimensions (unit: mm)



Main Characteristics

Chip fuse; Time-Lag(T)

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%

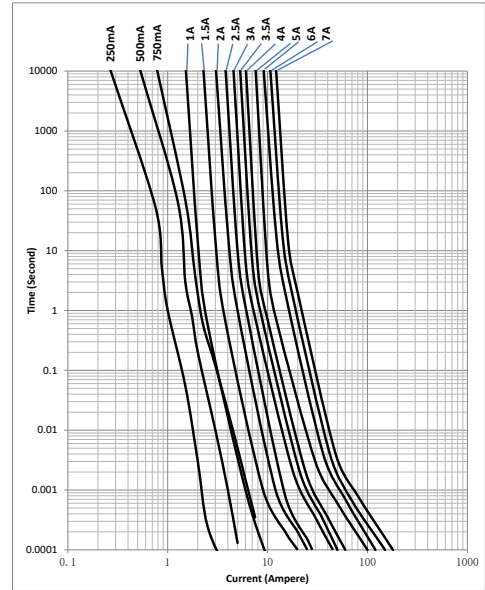
Vibration Resistance

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)
300°C. ≤2 sec (Hand Soldering)
Soldering Peak:
260°C. 10 sec.
280°C. 5 sec. (IEC 60068-20)

I-T Curve



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%	250%	300%	400%
250mA	>4H	/	/	/	<5s
500mA	>4H	/	/	<5s	/
750mA	>4H	/	0.1~5s	/	/
1A~8A	>4H	1~60s	<5s	/	/



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop(mV)	Breaking Capacity	Typical Melting I²T (A²s)	Typical Cold Resistance (mΩ)	Alpha Mark	Approvals
								cURus
0250	250mA	32VDC	850	50A@32V DC	0.0006	2300	D	●
0500	500mA		460		0.003	580	F	●
0750	750mA		450		0.020	400	G	●
1100	1.00A		335		0.011	250	B	●
1150	1.50A		270		0.045	150	H	●
1200	2.00A		160		0.115	78	K	●
1250	2.50A		145		0.140	49	L	●
1300	3.00A		130		0.280	35	O	●
1350	3.50A		130		0.500	28	R	●
1400	4.00A		120		0.600	18	S	●
1500	5.00A		110		1.900	14	T	●
1600	6.00A		110		2.300	11	V**	●
1700	7.00A		90		3.000	9.5	X**	●
1800	8.00A		80		4.500	7.0	Z**	●

- Note:**
- (1) DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)
 - (2) DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C
 - (3) Typical Pre-arching I²t are measured at 10In Current, Choice fuse for surge application (USB charger etc.), make sure the I²t of fuse is 4 times than surge.
 - (4) Different with other ratings, the color of glass cover of 6A, 7A and 8A is blue color

Ordering Information

Series	Amp Code	Supplementary Code	Qty
066			