

063 Chip Fuse



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

120 cycles in 1 direction at 1 min. each
10-55Hz, 3 directions(X, Y, Z) in total
According to MIL-STD-202 Method 201A

Soldering Parameters

260°C. ≤10 sec (Wave Soldering)

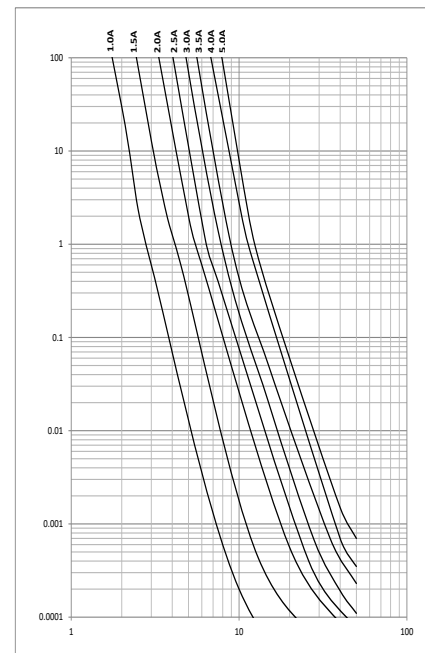
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

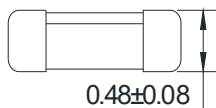
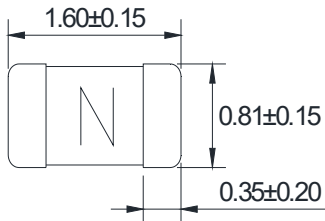
260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Dimensions (unit: mm)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%	250%
1A~5A	>4h	1s~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
1100	1.00A	32VDC	325	50A@32VDC	0.015	248	H	•
1150	1.50A		255		0.05	145	K	•
1200	2.00A		150		0.125	74	N	•
1250	2.50A		135		0.14	54	O	•
1300	3.00A		120		0.35	35	P	•
1350	3.50A		125		0.62	27.5	R	•
1400	4.00A		110		0.81	20.5	S	•
1500	5.00A		103		2.0	12.75	T	•

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 25degrees
3. Typical Pre-arcing I²t are measured at 10In Current

Ordering Information

Series	Amp Code	Supplementary Code	Qty
063			