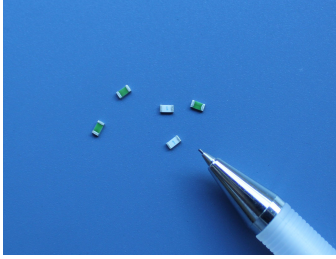


121 Quick-Acting Normal BC SMD Fuse



Main Characteristics

SMD fuse; Quick-Acting(F)

Standard

UL-248-14

Materials

Substrate: Ceramic
Termination: Silver over-plated with nickel and Tin

Operating Temperature

-55°C to +125°C

Storage Conditions

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

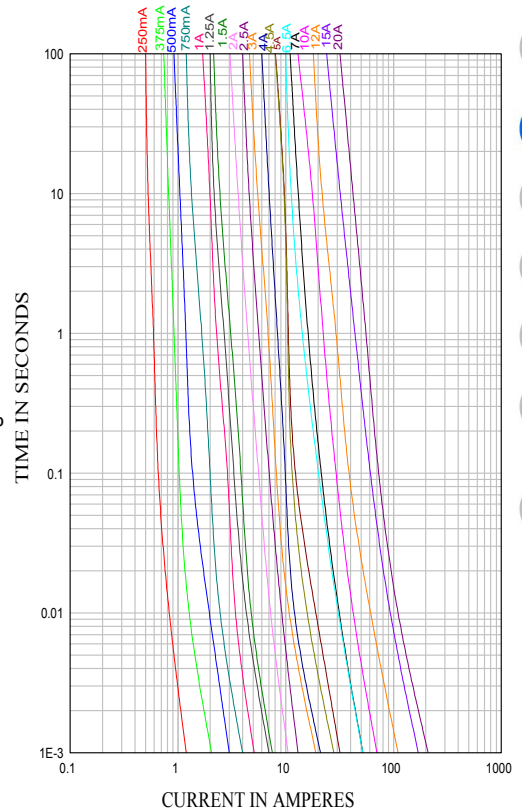
Vibration Resistance

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

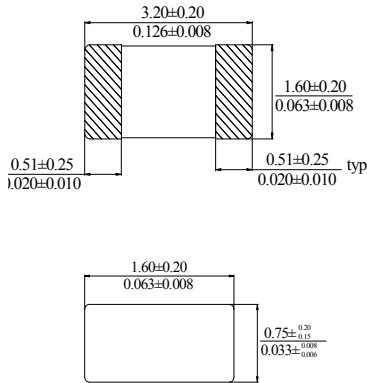
Soldering Parameters

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)

Average Time Current (I-T Curves)



Dimensions (unit: mm/ inch)



Time vs Current Characteristics: UL-248-14

Rated current	100%	200%	250%
250mA~3A	>4h	<5s	/
4A~20A	>4h	/	<5s



Electrical Characteristics

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop (mV)	Breaking Capacity	Alpha Mark	Typical Melting I ² t (A ² sec)	Approvals cURus
0250	250mA	AC32V DC63V	1450	50A	.25	0.0004	•
0375	375mA	AC32V DC63V	740	50A	.375	0.00081	•
0500	500mA	AC32V DC63V	670	50A	.5	0.0021	•
0750	750mA	AC32V DC63V	635	50A	.75	0.0055	•
1100	1A	AC32V DC63V	210	50A	1	0.006	•
1125	1.25A	AC32V DC63V	190	50A	1.25	0.020	•
1150	1.5A	AC32V DC63V	180	50A	1.5	0.025	•
1200	2A	AC32V DC63V	170	50A	2	0.090	•
1250	2.5A	AC32V DC63V	150	50A	2.5	0.148	•
1300	3A	AC32V DC63V	120	50A	3	0.317	•
1400	4A	AC32V DC32V	100	50A	4	0.220	•
1450	4.5A	AC32V DC32V	90	50A	4.5	0.463	•
1500	5A	AC32V DC32V	95	50A	5	0.550	•
1650	6.5A	AC32V DC32V	70	50A	6.5	3.36	•
1700	7A	AC32V DC32V	76	50A	7	3.10	•
2100	10A	AC24V DC24V	61	150A	10	2.1	•
2120	12A	AC24V DC24V	69	150A	12	6.9	•
2150	15A	AC24V DC24V	65	150A	15	23.2	•
2200	20A	AC24V DC24V	58	150A	20	45.8	•

Note: Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)

Ordering Information

Series	Amp code	Packaging Code	Qty
121			