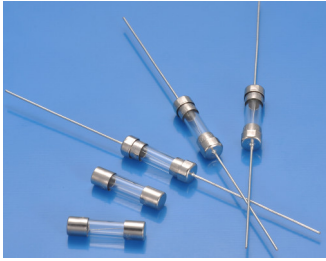


521 Quick-Acting Miniature Fuse



Main Characteristics

Cartridge Miniature fuse; Quick-Acting(F)

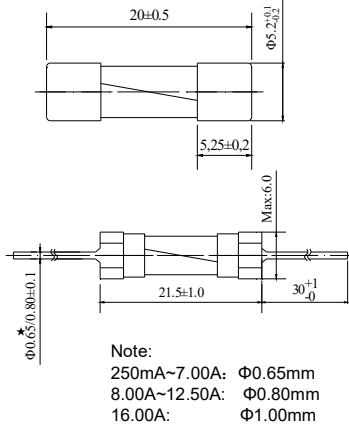
Standard

IEC 60127-2/ II

Materials

Tube: Glass Tube
End Caps: Nickel-plated brass
Axial Leads: Nickel-plated caps
Tin-plated copper wires

Dimensions (units in mm)



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%

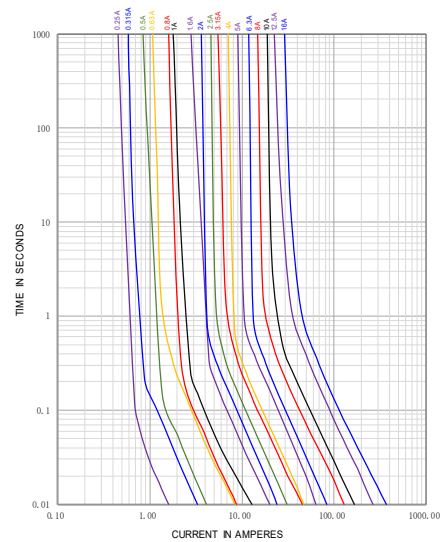
Vibration Resistance

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

Soldering Parameters

260°C. ≤5 sec (Wave Soldering)
350°C. ≤3 sec (Hand Soldering)
Soldering Peak:
260°C. 10 sec. (IEC 60068-20)

Average Time Current (I-T) Curves



Time vs Current Characteristics: IEC 60127-2/ II

Rated Current	150%	210%	275%	400%	1000%
250mA~6.3A	>1h	<30min	50ms~2s	10ms~300ms	≤20ms
8A~10A	>1h	<30min	50ms~2s	10ms~400ms	≤40ms
12.5A~16A	>30min	<30min	50ms~3s	10ms~400ms	≤50ms



Electrical Characteristics

Amp Code	Rated Current	Rated Voltage	Max. Voltage Drop (mV)	Max. Power Dissipation (W)	Nominal Melting I ² t(A ² sec)	Breaking capacity	Approvals				
							cURus	CQC	VDE	PSE	CCC
0250	250mA	125V AC 250V AC	1400	1.6	0.0256	10kA/125VAC 100A/250VAC 50-60Hz Cosφ=0.7~0.8	○	○	○	○	○
0300	300mA		1300	1.6	0.1035		○	○	○	○	○
0315	315mA		1300	1.6	0.1089		●	○	●	○	●
0350	350mA		1300	1.6	0.1717		●	○	○	○	○
0375	375mA		1300	1.6	0.2058		●	○	○	○	○
0400	400mA		1200	1.6	0.24		●	○	○	○	●
0500	500mA		1000	1.6	0.1681		●	○	●	○	●
0630	630mA		650	1.6	0.7225		●	○	●	○	●
0750	750mA		240	1.6	0.813		●	○	○	○	○
0800	800mA		240	1.6	0.757		●	○	●	○	●
1100	1.00A		200	1.6	1.64		●	○	●	●	●
1125	1.25A		200	1.6	2.56		●	○	●	○	●
1150	1.50A		190	1.6	3.76		●	○	○	○	○
1160	1.60A		190	1.6	4		●	○	●	●	●
1200	2.00A		170	1.6	5.76		●	○	●	●	●
1250	2.50A		170	1.6	9.61		●	○	●	●	●
1300	3.00A		150	2.5	13.88		●	○	○	○	○
1315	3.15A		150	2.5	20.7		●	○	●	●	●
1350	3.50A		150	2.5	21.3		●	○	○	○	○
1400	4.00A		130	2.5	22.09		●	○	○	●	●
1500	5.00A		130	2.5	40.96		●	○	●	●	●
1630	6.30A		130	2.5	70.56		●	○	○	○	○
1700	7.00A		130	2.5	105.5		●	○	○	○	○
1800	8.00A		130	4	163.8		●	●	●	●	○
2100	10.00A		130	4	272.2		○	●	●	○	○
2150	12.50A		100	6	702.25		○	●	○	○	○
2160	16.00A		100	6	1332.3		○	●	○	○	○

Note: (1) Permissible continuous operating current is 100% at ambient temperature of 23°C (73.4°F)
(2) The cURus certification by 125V and 250V; the VDE certification with 8A~10A by 125V; the others certification by 250V.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
521			