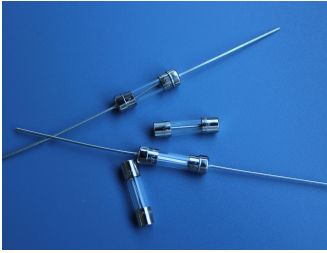


522 Time-Lag Miniature Fuse



Main Characteristics
Cartridge Miniature fuse; time-lag (T)
Standard
IEC 60127-2/ II

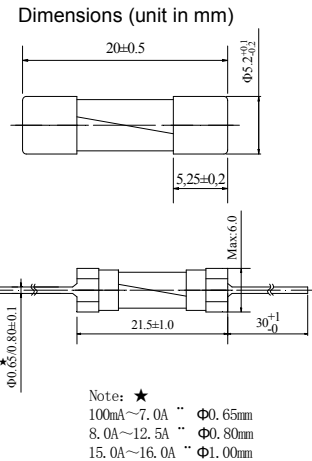
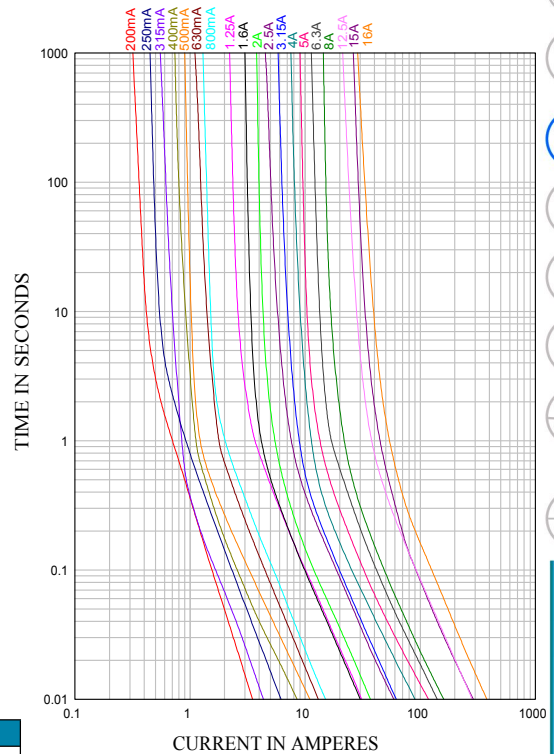
Materials
Tube: Glass Tube
End Caps: Nickel-plated brass
Axial Leads: Nickel-plated caps
Tin-plated copper wires

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%

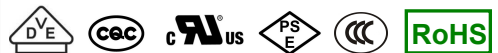
Vibration Resistance
24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

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%
100mA	>1h	<2min	200ms-10s	40ms-3s	10ms~300ms
125mA~10A	>1h	<2min	600ms~10s	150ms~3s	20ms~300ms
12A~16A	>30min	<5min	600ms~15s	150ms~5s	20ms~400ms



Electrical Characteristics						Approvals					
Amp Code	Rated Current	Voltage Drop(mV) Max	Power Dissipation Max(W)	Nominal Melting I ² t(A ² sec)	Breaking Capacity	VDE 250V	CQC 250V	cURus 250V	PSE 250V	CCC 250V	KC 250V
0100	100mA	2500	1.6	0.036	35A or 10In / 250V AC 50-60Hz Cosφ=0.7~0.8	○	○	●	○	○	○
0125	125mA	2000	1.6	0.052		○	○	●	○	○	○
0160	160mA	1900	1.6	0.087		○	○	●	○	○	○
0200	200mA	1500	1.6	0.123		○	○	●	○	○	○
0250	250mA	1300	1.6	0.384		○	○	●	○	●	○
0315	315mA	1100	1.6	0.462		○	○	●	○	●	○
0400	400mA	1000	1.6	0.723		○	○	●	○	○	○
0500	500mA	900	1.6	1.21		●	○	●	○	●	○
0630	630mA	300	1.6	1.69		○	○	●	○	○	○
0800	800mA	250	1.6	2.25		○	○	●	○	○	○
1100	1.00A	150	1.6	5.52		●	○	●	○	●	○
1125	1.25A	150	1.6	9.61		○	○	●	○	○	○
1150	1.50A	150	1.6	6.25		○	○	●	○	○	○
1160	1.60A	150	1.6	9		●	○	●	○	●	○
1200	2.00A	150	1.6	13.69		●	○	●	○	●	○
1250	2.50A	120	1.6	36		●	○	●	○	●	○
1300	3.00A	120	1.6	37.6		○	○	●	○	○	○
1315	3.15A	100	1.6	38.4		●	○	●	○	●	●
1350	3.50A	100	1.6	57.9		○	○	○	○	○	○
1400	4.00A	100	1.6	81		●	○	●	○	●	○
1500	5.00A	100	1.6	139		●	○	●	○	●	●
1630	6.30A	100	1.6	196		●	○	●	○	●	●
1700	7.00A	100	1.6	212		○	○	●	○	○	○
1800	8.00A	100	4	256		●	●	●	○	○	○
2100	10.00A	100	4	576		●	●	●	○	○	○
2120	12.00A	100	4	676		○	○	○	○	○	○
2125	12.50A	100	4	795		●	●	●	○	○	○
2150	15.00A	100	4	841		○	○	●	○	○	○
2160	16.00A	100	4	1444	○	●	○	○	○	○	

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

Ordering Information

Series	Amp code	Packaging Code	Qty
522			