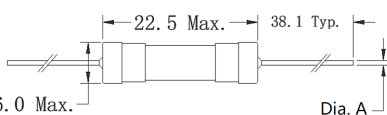


532 Time-Lag Miniature Fuse



Dimensions (unit: mm)



Diameter of lead wire (Dia. A):

0.5A-6.3A: $\Phi 0.65 \pm 0.05 \text{ mm}$

8A-20A: $\Phi 0.8 \pm 0.05 \text{ mm}$

Main Characteristics

Axial miniature fuse; Time-Lag(T)

Standard

IEC60127-2

Materials

Tube: Ceramic Tube

End Caps: Silver plated copper

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C

Relative humidity: $\leq 75\%$ 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

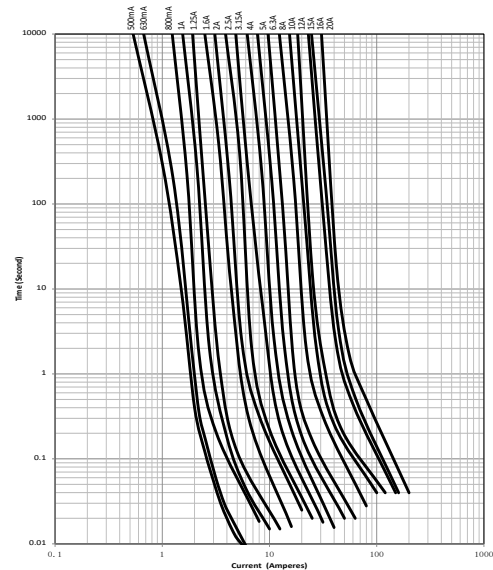
Soldering Parameters

260°C. ≤ 5 sec (Wave Soldering)

350°C. ≤ 3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)



Rated Current	150%	210%	275%	300%	400%	1000%
500mA ~ 800mA	>1 H	-	-	<120s	-	-
1A ~ 3.15A	>1 H	<30min	750ms ~ 80s	-	95ms ~ 5s	10ms ~ 150ms
4A ~ 6.3A	>1 H	<30min	750ms ~ 80s	-	150ms ~ 5s	10ms ~ 150ms
8A ~ 20A	>30min.	<30min	750ms ~ 80s	-	150ms ~ 5s	10ms ~ 150ms

Note: 1.5In current carrying capacity is not available for 8A-20A with lead wire.



Electrical Characteristics at 25°C							
Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop(mV)	Typical Pre-Arching I ² T(A ² sec)	Typical Cold Resistance (mΩ)	Approval
0500	500mA	300V AC 300V DC	3000A @300VAC 3000A @300VDC	250	0.248	390	•
0630	630mA			210	0.352	360	•
0800	800mA			190	1.100	180	•
1100	1.00A			180	1.300	195	•
1125	1.25A			170	2.000	150	•
1160	1.60A			110	4.000	100	•
1200	2.00A			135	10.00	65	•
1250	2.50A			130	11.00	35	•
1315	3.15A			120	18.00	32	•
1400	4.00A			138	25.00	25	•
1500	5.00A			100	40.00	17.5	•
1630	6.30A			90	75.00	15	•
1800	8.00A			85	180.0	9.2	•
2100	10.00A			75	400.0	7.2	•
2120	12.00A		300A @300V AC 300A @300V DC	80	550.0	5.5	•
2150	15.00A			65	800.0	4.0	•
2160	16.00A			63	950.0	3.7	•
2200	20.00A			70	1600	3.1	•

Note:

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arching I²T are measured at 10In Current

* Breaking Capacity is pending

Ordering Information

Series	Amp Code	Supplementary Code	Qty
532			



Sales Contact

sls01@betterfuse.com

Technical Support

Kenny@betterfuse.com

National High-tech Enterprise
SC 32C National Technical
Committee Member of China
Intertek ISO 9001 Certified Company
Intertek ISO 14001 Certified Company
Intertek QC 080000 Certified Company
NQA IATF 16949 Certified Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系