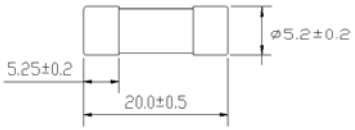
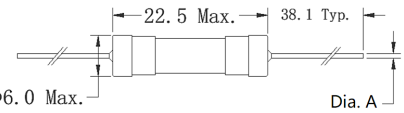
532 Time-Lag Miniature Fuse

Dimensions (unit: mm)





Diameter of lead wire (Dia. A):

0.5A-6.3A: Φ0.65±0.05mm

8A-20A: Φ0.8±0.05mm

Main Characteristics

Axial miniature fuse; Time-Lag(T)

Standard

IEC60127-2

Materials

Tube: Ceramic Tube

End Caps: Silver plated copper

Operating Temperature

-55℃ to +125℃

Storage Conditions

+10℃ to +60℃

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

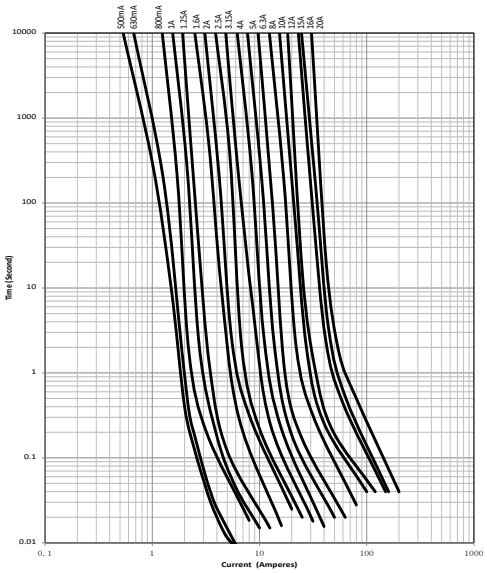
Soldering Parameters

260℃.≤5 sec (Wave Soldering)

350℃.≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 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.

Electrial Characteristics at 25℃

Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop(mV)	Typical Pre-Arcing I2T(A²sec)	Typical Cold Resistance (mΩ)	Approval cURus
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℃
* Typical Pre-arching I^2T are measured at 10In Current
* Breaking Capacity is pending

Ordering Information

Series	Amp Code	Supplementary Code	Qty
532			