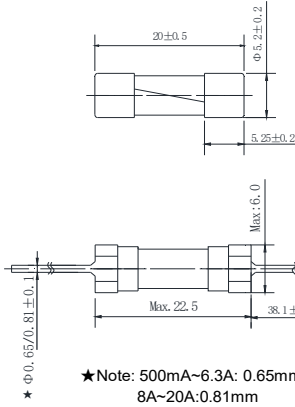


582 Time-Lag Miniature Fuse



Dimensions (unit: 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: ≤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

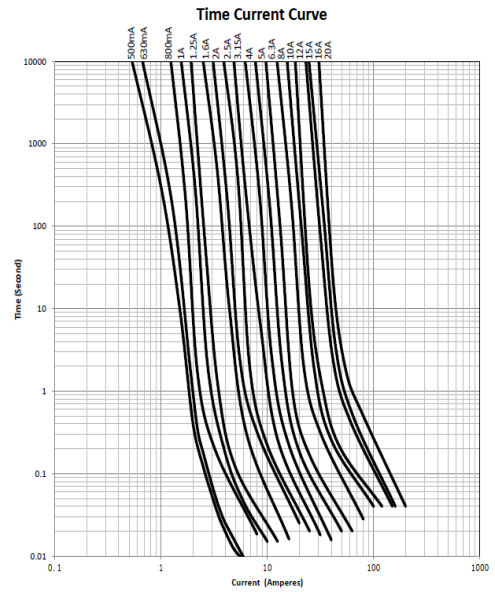
Soldering Parameters

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%
<1A	>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 ~ 8s	10ms ~ 150ms



Electrical Characteristics at 25°C								
Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop(mV)	Typical Pre-Arcing I2T(A²sec)	Typical Cold Resistance (mΩ)	Approval	
							cURus	TUV
0500	500mA	600V AC 500V DC 400V DC	200A @600V AC 300A @500V DC 2000A@400V DC	190	0.287	382	•	•
0630	630mA			261	0.34	359	•	•
0800	800mA			144	1.18	175	•	•
1100	1.00A			250	1.40	210	•	•
1125	1.25A			138	2.34	134	•	•
1160	1.60A			180	3.9	100	•	•
1200	2.00A			158	9.4	65	•	•
1250	2.50A			93	12.5	34	•	•
1315	3.15A			110	17.8	28	•	•
1400	4.00A			118	25	24	•	•
1500	5.00A			104	50	17	•	•
1630	6.30A			100	80	13	•	•
1800	8.00A			85	179	9.0	•	•
2100	10.00A			90	400	7.6	•	•
2120	12.00A	80	576	6.0	•	•		
2150	15.00A	75	900	4.3	•	•		
2160	16.00A	68	1024	3.7	•	•		
2200	20.00A	75	1600	3.3	•	•		

Note:

- (1) DC cold resistance are measured at <10% of rated current in ambient temperature of 25°C.
- (2) Typical pre-arcing I2t are measured at 10In current.
- (3) The cURus certification for 400Vdc by 0.5A~10A, for 600Vac and 500Vdc by 0.5A~20A.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
582			