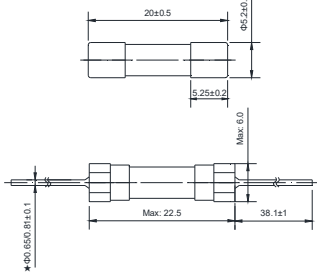


582 Time-Lag Miniature Fuse



Dimensions (unit: mm)



★200mA~6.3A : 0.65mm
8A~20A: 0.81mm

Main Characteristics

Axial miniature fuse; Time-Lag(T)

Standard

IEC60127-2/V

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%

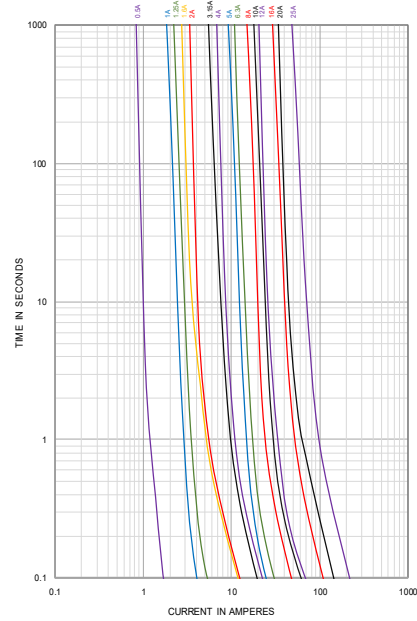
Vibration Resistance

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 Curve)



Time vs Current Characteristics: IEC60127-2/V

Rated Current	150%	210%	275%	300%	400%	1000%
500mA~800mA	>1 H	-	250ms ~ 80s	<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



Electrical Characteristics

Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec)	Approval
						cURus
0500	500mA	600V AC 500V DC 400V DC	200A@600V AC 300A@500V DC 2000A@400V DC	190	0.287	●
0630	630mA			261	0.34	●
0800	800mA			144	1.18	●
1100	1.00A			146	1.55	●
1125	1.25A			138	2.34	●
1160	1.60A			105	4.1	●
1200	2.00A			130	10	●
1250	2.50A			93	12.5	●
1315	3.15A			110	17.8	●
1400	4.00A			118	25	●
1500	5.00A			104	50	●
1630	6.30A			100	80	●
1800	8.00A			85	179	●
2100	10.00A			90	400	●
2120	12.00A	80	576	●		
2150	15.00A	600V AC 500V DC	200A@600V AC 300A@500V DC	75	900	●
2160	16.00A			68	1024	●
2200	20.00A			75	1600	●

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			

