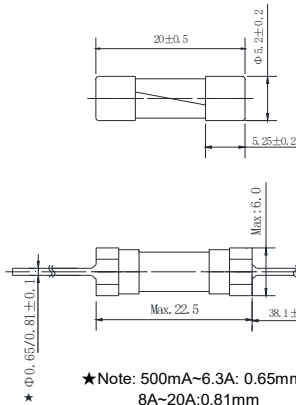


582 Time-Lag Miniature Fuse



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

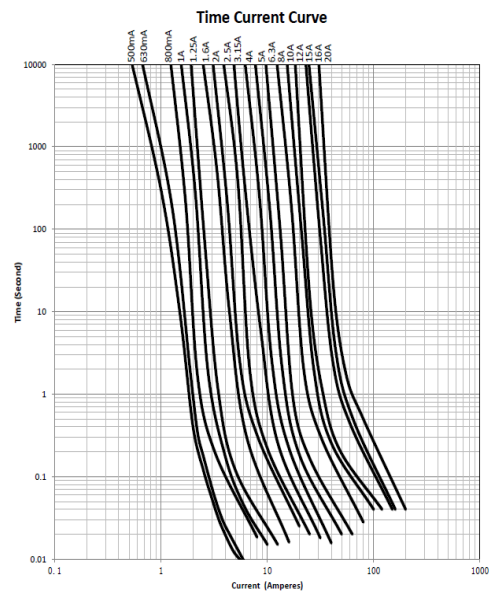
Soldering Parameters

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-Arching I ² T(A ² sec)	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	600V AC 500V DC	200A @600V AC 300A @500V DC	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			



Sales Contact

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Technical Support

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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