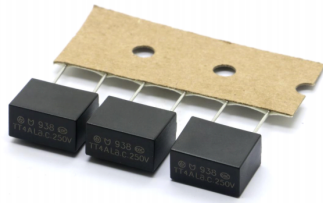
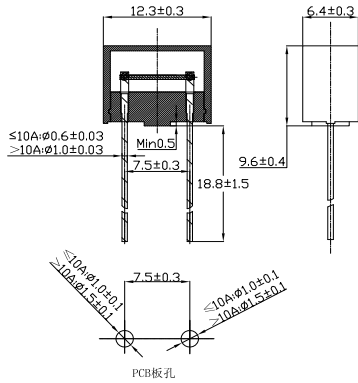


# 938 Box Fuse



## Dimensions (unit:mm)



Conventional products are braided products, and refer to EPS specification for details.

## Main Characteristics

Box fuse; Super Time-Lag (TT) Standard

IEC 60127

## Materials

Fuse body: Thermoplastic

Lead: Tin 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

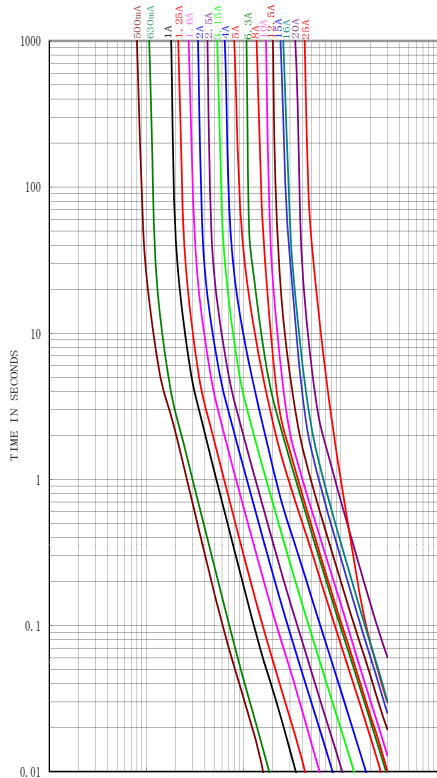
## Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.



Time vs Current Characteristics: IEC60127

Rated Current	125%	200%	275%	400%	1000%
0.5A~10A	>1h	<120s	/	/	100ms~1s
12A~20A	>1h	<120s	750ms~80s	150ms~5s	100ms~1s
25A	>1h	<120s	/	/	<1s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Voltage Drop Max(mV)	Power Dissipation Max(mW)	Breaking Capacity	Typical Cold Resistance (mΩ)	Melting I²T (A²s)	Approvals		
								cURus	CQC	TUV
0500	500mA	125V AC 250V AC 300V AC 400V AC	600	500	300A@125V AC 300A@250V AC 300A@300V AC 300A@400V AC	270	4.15	•	•	•
0630	630mA		500	500		261	5.49	•	•	•
1100	1.00A		400	500		148	18.6	•	•	•
1125	1.25A		300	1000		109	27.0	•	•	•
1160	1.60A		300	1000		74.19	52.6	•	•	•
1200	2.00A		300	1000		50.6	89.7	•	•	•
1250	2.50A		300	1200		35.05	137	•	•	•
1315	3.15A		300	1500		26.08	237	•	•	•
1400	4.00A		300	2000		19.5	400	•	•	•
1500	5.00A		300	2500		14.4	800	•	•	•
1630	6.30A		300	3000		11.75	1027	•	•	•
1800	8.00A		220	3000		8.55	1087	•	•	•
2100	10.00A		220	3500		5.82	1399	•	•	•
2125	12.50A		220	4000		4.16	1919	•	•	•
2150	15.00A		220	4000		3.01	2596	•	○	•
2160	16.00A		220	4000		2.72	3205	•	•	•
2200	20.00A		220	4000		2.23	6413	•	•	•
2250	25.00A		125V AC 250V AC	220		4000	300A@125V/250V AC	1.42	2812	•

- Notes:**
1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
  2. For certification, ○ means pending
  3. The current values used for calculating I²T should be within the standard range of 10In

## Ordering Information

Series	Amp Code	Supplementary Code	Qty
938			



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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 Certificated 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