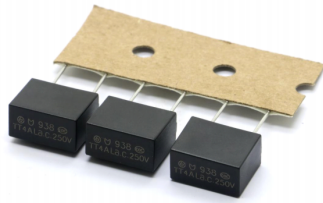
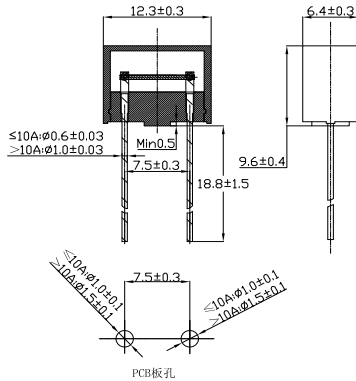


938 Box Fuse



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

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

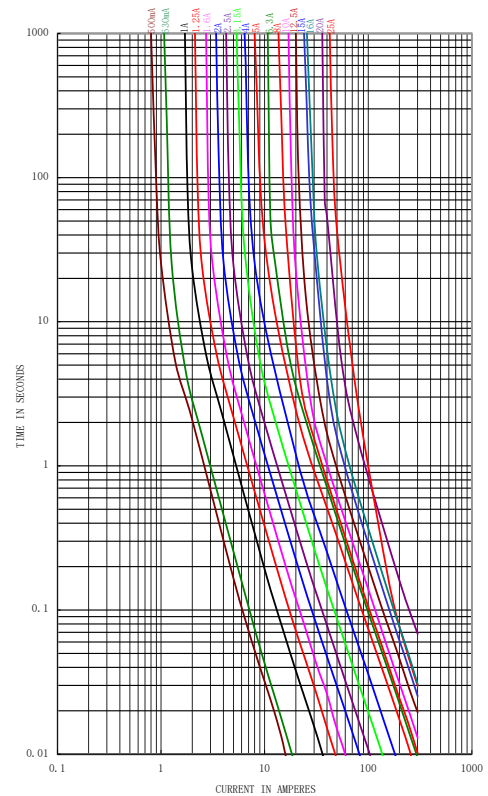
Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.



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 I ² T (A ² s)	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	5600	•	•	•
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			



Sales Contact
sls01@betterfuse.com

Technical Support
Kenny@betterfuse.com

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 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