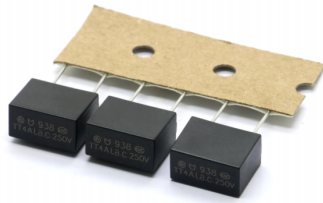
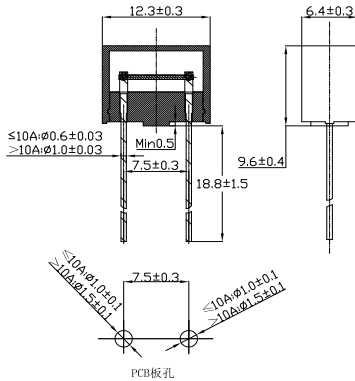


938 Box Fuse



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

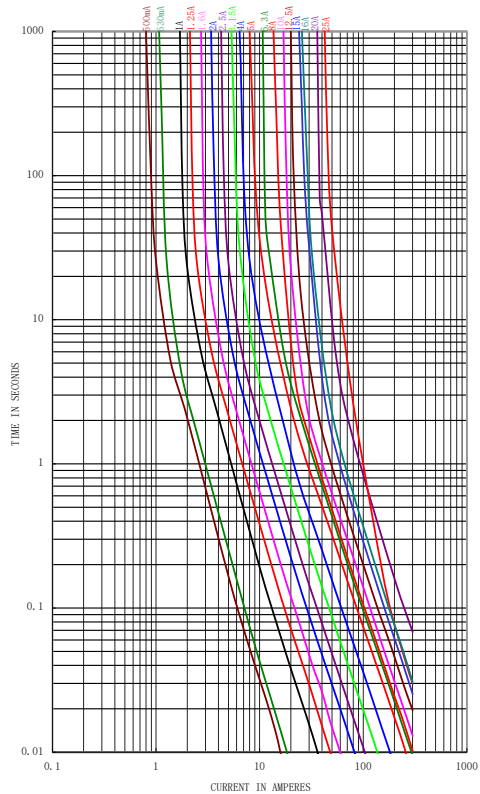
Soldering Parameters

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			