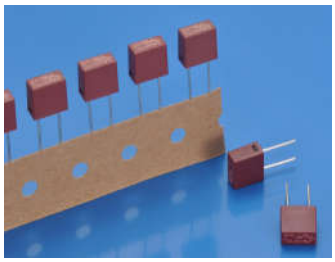
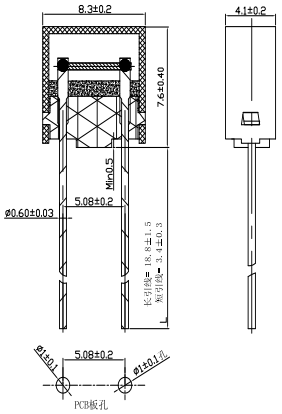
932 Box Subminiature Fuse



Dimensions (unit:mm)



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

Main Characteristics

Box subminiature fuse; Time-Lag (T)

Standard

IEC 60127

Materials

Fuse body: Thermoplastic

Lead: Tin plated copper

Operating Temperature

-55℃ to +125℃

Storage Conditions

+10℃ to +60℃

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

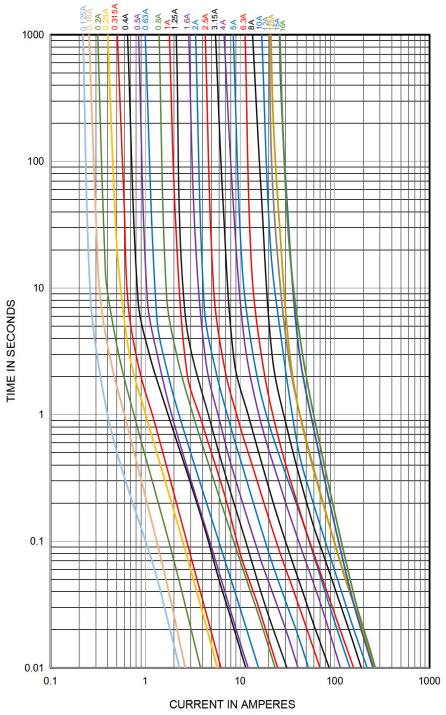
260℃.≤5 sec (Wave Soldering)

350℃.≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 10 sec. (IEC 60068-20)

Average Current Cureve(I-T Curve)



Time vs Current Characteristics:IEC60127					
Rated Current	150%	210%	275%	400%	1000%
100mA~6.3A	>1h	<2min	400ms~10s	150ms~3s	20ms~150ms
8A~10A	>1h	<300s	1s~20s	150ms~3s	20ms~150ms
12A~16A	>1h	<300s	1s~50s	150ms~5s	20ms~150ms

Electrial Characteristics at 25℃

Amp Code	Rated Current	Rated. Voltage	Voltage Drop Max(mV)	Max Power Dissipation (mW)	Typical Cold Resistance (mΩ)	Nominal Melting I²T (A²sec)	Breaking Capacity	Approvals									
								cURus	VDE	CCC	CQC 250V	CQC 300V	PSE	KC	TUV 250V	TUV 300V	BSI	SEMKO
0125	125mA	125V AC 250VAC 300VAC 400V AC	300	180	1500	0.053	100A@125V AC 100A@250V AC 50A or10In 300V AC 160A@125V/250V AC 100A@277V/300V/400V AC	•	○	•	○	○	○	○	•	•	○	○
0160	160mA		280	190	1290	0.073		•	○	•	○	○	○	○	•	•	○	○
0200	200mA		260	200	796	0.170		•	○	•	○	○	○	○	•	•	○	○
0250	250mA		240	220	540	0.320		•	○	•	○	○	○	○	•	•	○	○
0315	315mA		220	250	380	0.450		•	○	•	○	○	○	○	•	•	○	○
0400	400mA		200	280	245	1.32		•	○	•	○	○	○	○	•	•	○	○
0500	500mA		190	310	185	1.76		•	○	•	○	•	○	•	•	•	○	○
0630	630mA		180	360	130	3.40		•	•	•	○	○	○	•	•	•	○	○
0800	800mA		160	430	120	3.60		•	•	•	○	○	○	•	•	•	○	○
1100	1.00A		140	500	95	6.80		•	•	•	○	•	•	•	•	•	○	○
1125	1.25A		130	600	69.8	14.5		•	•	•	○	•	•	•	•	•	○	○
1160	1.60A		120	730	46.5	22.0		•	•	•	○	•	•	•	•	•	○	○
1200	2.00A		100	870	34.8	37.0		•	•	•	○	•	•	•	•	•	○	○
1250	2.50A		100	1000	26.3	56.2		•	•	•	○	•	•	•	•	•	○	○
1315	3.15A		100	1200	22.0	108		•	•	•	○	•	•	•	•	•	•	•
1400	4.00A		100	1400	14.6	156		•	•	•	○	•	•	•	•	•	○	○
1500	5.00A		100	1500	11.5	235		•	•	•	○	•	•	•	•	•	•	•
1630	6.30A		100	1600	8.80	272		•	•	•	○	•	•	•	•	•	○	○
1800	8.00A		100	1800	6.00	410		•	○	•	○	•	○	○	•	•	•	•
2100	10.00A		100	2000	4.60	486		•	○	•	○	•	•	○	•	•	•	•
2120	12.00A		180	4000	3.50	646		•	○	○	○	○	○	○	○	○	○	○
2125	12.50A		180	4000	3.60	880		•	○	○	•	○	○	○	•	○	○	○
2150	15.00A		140	4000	2.70	635		•	○	○	○	○	○	○	○	○	○	○
2160	16.00A		140	4000	2.60	860		•	○	○	•	○	○	○	•	○	○	○

Notes: 1.Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
2.For certification, the cURus by 125/250/277V/300V/400V, the TUV by 250/300V;the CQC 500mA~10A by 300V,12.5A;16A by 250V, the others by 250V.
3. The current values used for calculating I2T should be within the standard range of 8ms ~ 10ms.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
932			