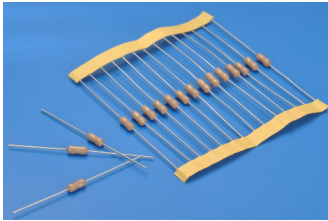


212 Micro Cartridge Fuse



Main Characteristics
Micro Cartridge Fuse; Time-Lag(T)

Standard
UI248-14 IEC60127-3

Materials
Tube: Ceramic Tube
End Caps: Nickel plated brass
Axial Leads: Nickel plated caps
Tin plated copper wires

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

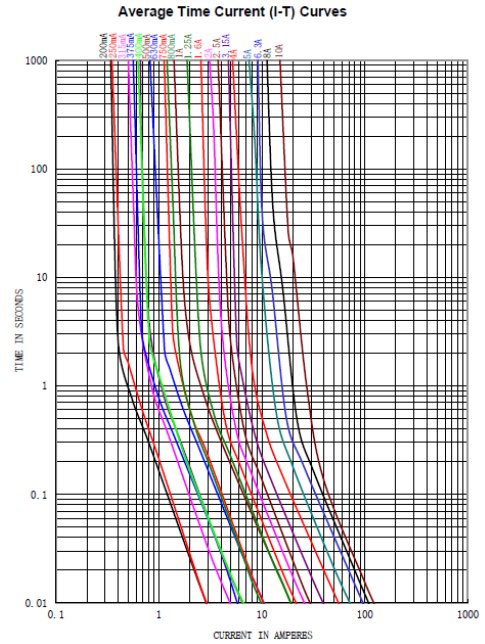
Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

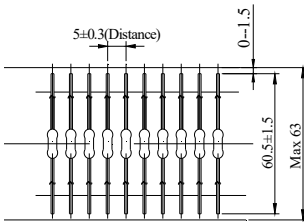
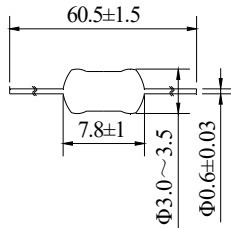
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)



Dimensions (unit: mm)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%	300%	800%
100mA~10A	>4h	1s~60s	0.2s~3s	10ms~100ms



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Nominal Melting I ² T (A ² sec)	Typical Cold Resistance (mΩ)	Breaking Capacity	Approvals					
						cULus	cURus	TUV	CCC	PSE	KC
0200	200mA	125VAC 250VAC	0.08	862	50A @ 125V AC 50A @ 250V AC	●	○	○	○	○	○
0250	250mA		0.08	650		●	○	●	○	○	○
0315	315mA		0.24	330		●	○	●	○	○	○
0375	375mA		0.32	390		●	○	○	○	○	○
0400	400mA		0.41	237		●	○	●	○	○	○
0500	500mA		0.44	242		●	○	●	●	○	○
0630	630mA		1.07	167		●	○	●	○	○	○
0750	750mA		1.06	124		●	○	○	○	○	○
0800	800mA		0.95	113		●	○	●	○	○	○
1100	1.00A		3.59	84.2		●	○	●	●	●	●
1125	1.25A		3.54	63.4	●	○	●	●	●	●	
1160	1.60A		4.58	41.3	●	○	●	●	●	●	
1200	2.00A		6.65	32.6	●	○	●	●	●	●	
1250	2.50A		8.63	25.6	●	○	●	●	●	●	
1315	3.15A		15.4	21.5	○	●	●	●	○	○	
1400	4.00A		30.5	17.4	○	●	●	●	○	○	
1500	5.00A		50.9	11.2	○	●	○	●	○	○	
1630	6.30A		91.0	9.9	○	●	○	●	○	○	
1800	8.00A		117	7.3	○	○	○	○	○	○	
2100	10.0A		147	4.8	○	○	○	○	○	○	

Note: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
 (2) The cURus and cULus certification by 125V and 250V; the others certification only 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
212			