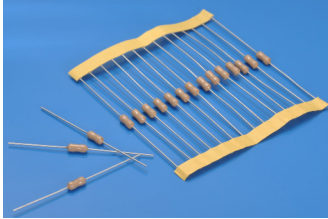


# 212 Micro Cartridge Fuse



**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**

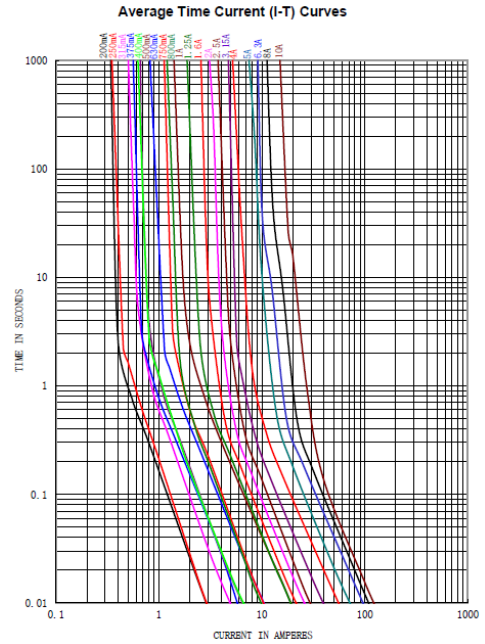
+10°C to +60°C  
Relative humidity: ≤75% yearly average  
Without dew, maximum 30 days at 95%

**Vibration Resistance**

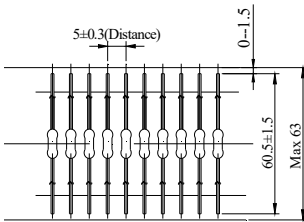
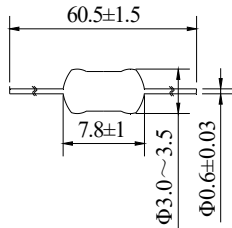
24 cycles at 15 min. each (60068-6)  
10-60Hz at 0.75mm amplitude  
60-2000Hz at 10g acceleration

**Soldering Parameters**

260°C. ≤5 sec (Wave Soldering)  
350°C. ≤3 sec (Hand Soldering)  
**Soldering Peak:**  
260°C. 10 sec. (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 <sup>2</sup> T (A <sup>2</sup> 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 I<sup>2</sup>T should be within the standard range of 8ms ~ 10ms.

**Ordering Information**

Series	Amp Code	Supplementary Code	Qty
212			



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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 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