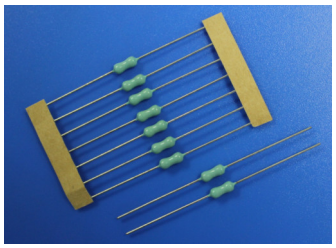
211 Micro Cartridge Fuse

Bettel
Circuit protection components manufacturer & Brand operator



Main Characteristics
Micro Cartridge fuse; Fast- Acting(F)

Standard
UL248-14

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

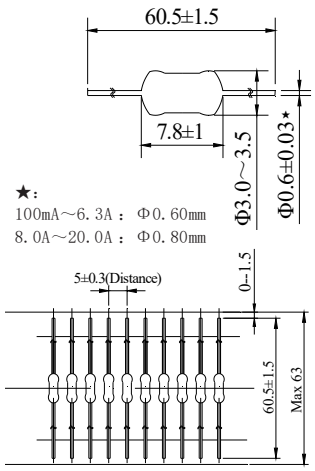
Operating Temperature
-55℃ to +125℃

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

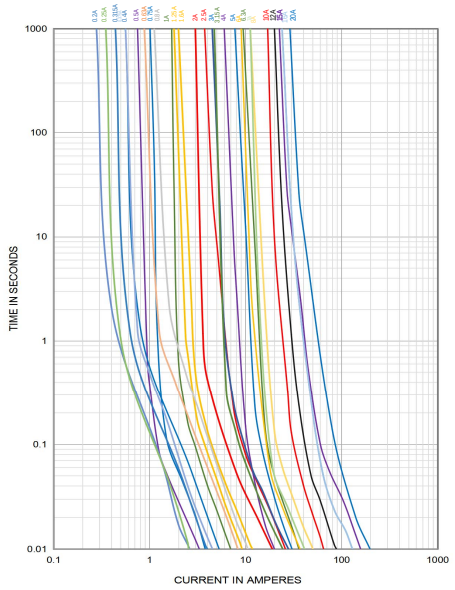
Vibration Resistance
24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

Soldering Parameters
260℃.≤5 sec (Wave Soldering)
350℃.≤3 sec (Hand Soldering)
Soldering Peak:
260℃. 10 sec. (IEC 60068-20)

Dimensions (unit: mm)



Average Current Curve(I-T Curve)



Time vs Current Characteristics: UL248-14		
Rated Current	100%	200%
100mA~20A	>4h	<60s

Electrical Characteristics at 25℃

Amp code	Rated Current	Rated Voltage	Cold Resistance (mΩ)	Naminal Melting I²t (A²sec)	Breaking Capacity	Approvals			
						cULus	cURus	TUV	PSE
0200	200mA	125V AC 250V AC	990	0.077	50A@250V AC 50A@125V AC	●	○	○	○
0250	250mA		680	0.082		●	○	●	○
0375	375mA		340	0.200		●	○	●	○
0400	400mA		270	0.210		●	○	●	○
0500	500mA		201	0.480		●	○	●	○
0630	630mA		160	0.930		●	○	●	○
0750	750mA		87.0	0.093		●	○	●	○
0800	800mA		62.0	0.564		●	○	●	○
1100	1.00A		60.0	0.531		●	○	●	○
1150	1.50A		33.1	1.60		●	○	●	○
1160	1.60A		37.84	0.85		●	○	●	○
1200	2.00A		30.3	2.40		●	○	●	○
1250	2.50A		20.5	5.83		●	○	●	○
1300	3.00A		19.0	5.90	35A@250V AC 35A@125V AC	○	○	○	●
1315	3.15A		17.0	5.90		○	●	●	○
1400	4.00A		13.5	4.70		○	●	●	○
1500	5.00A		10.0	8.30		○	●	○	●
1630	6.30A		9.00	12.3		○	●	○	○
1700	7.00A		5.88	16.6		○	●	○	○
1800	8.00A		5.88	21.0		○	●	○	○
2100	10.00A		5.05	41.0		○	●	○	○
2120	12.00A	32V AC 16V AC	3.50	78.32	50A@32V AC 100A@16V AC	○	●	○	○
2150	15.00A		3.01	249.6		○	●	○	○
2160	16.00A		2.85	169.49		○	●	○	○

Note: (1) Permissible continuous operating current is 100% at ambient temperature of 23°C (73.4°F)
(2) The cURus and cULus certification for 100mA~10A only by 125V and 250V AC, for 12A~16A only by 16V and 32V AC; the TUV certification only by 250V AC.
(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
211			

Sales Contact
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Technical Support
Kenny@betterfuse.com

National High-tech Enterprise
SC 32C National Technical Committe Member of China
Intertek ISO 9001 Certificated Company
Intertek ISO 14001 Certificated Company
Intertek QC 080000 Certificated Company
NQA IATF 16949 Certificated 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