

Application:

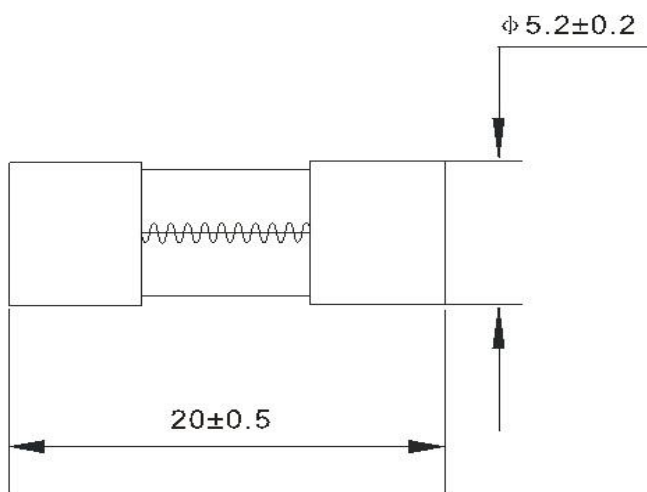
- ✧ This product is suitable for various kinds of electronic devices' circuit over current protection. Widely used in the industries of Battery Charges, Consumer Electronics, Power supplies, Industrial Controllers, etc.

Naming Rule:

C2	F	A	W	-	xxA
1	2	3	4		5

1. Ceramic Case Fuselink 5*20mm
2. Fast Acting
3. Rated Voltage (A-250V)
4. W: Without lead L: Leaded
5. Rated Current
(e.g.:0315A=315mA; 6300A=6.3A)

Structure:(Unit:mm)



NO.	Position	Material
①	End Cap	Nickel plated brass
②	Inner Cap	Nickel plated brass
③	Glass Tube	Ceramic
④	Fuse Element	Alloy

Electrical Specifications: *=L/W

Part No.	Ampere Rating(A)	Voltage Rating	Nominal Cold Resistance (Ohms)	I ² T Melting Integral (A ² .S)	Maximum Voltage Drop (mV)
C2FA*-050A	0.05	250V	15.9	0.00019	10000
C2FA*-063A	0.063	250V	10.45	0.00054	8800
C2FA*-080A	0.08	250V	7.885	0.00084	7600
C2FA*-0100A	0.1	250V	5.7925	0.0045	7000
C2FA*-0125A	0.125	250V	3.675	0.00546	5000
C2FA*-0160A	0.16	250V	5.349	0.00576	4300
C2FA*-200A	0.2	250V	3.35	0.00439	3500
C2FA*-250A	0.25	250V	2.35	0.00891	2800
C2FA*-300A	0.3	250V	1.85	0.01	2500
C2FA*-500A	0.5	250V	0.866	0.165	1800
C2FA*-600A	0.6	250V	0.465	0.175	1500
C2FA*-800A	0.8	250V	0.295	0.285	1200
C2FA*-1000A	1	250V	0.237	0.18	1000
C2FA*-1500A	1.5	250V	0.1112	1.005	600
C2FA*-2000A	2	250V	0.0764	1.87	500
C2FA*-2500A	2.5	250V	0.0584	2.695	400
C2FA*-3000A	3	250V	0.0368	6.7	350
C2FA*-4000A	4	250V	0.0247	14.995	300
C2FA*-5000A	5	250V	0.0183	27.46	250
C2FA*-6000A	6	250V	0.0137	56.43	200
C2FA*-7000A	7	250V	0.013	60.53	200
C2FA*-8000A	8	250V	0.0123	64.315	200
C2FA*-10000A	10	250V	0.0079	154.34	200
C2FA*-12000A	12	250V	0.0057	235	200
C2FA*-15000A	15	250V	0.004	462.5	200

Operating Characteristics:

% of Ampere Rating(In)	Blowing Time
100%	60 minutes Min.
135%	30 minutes Max
200%	5sec Max

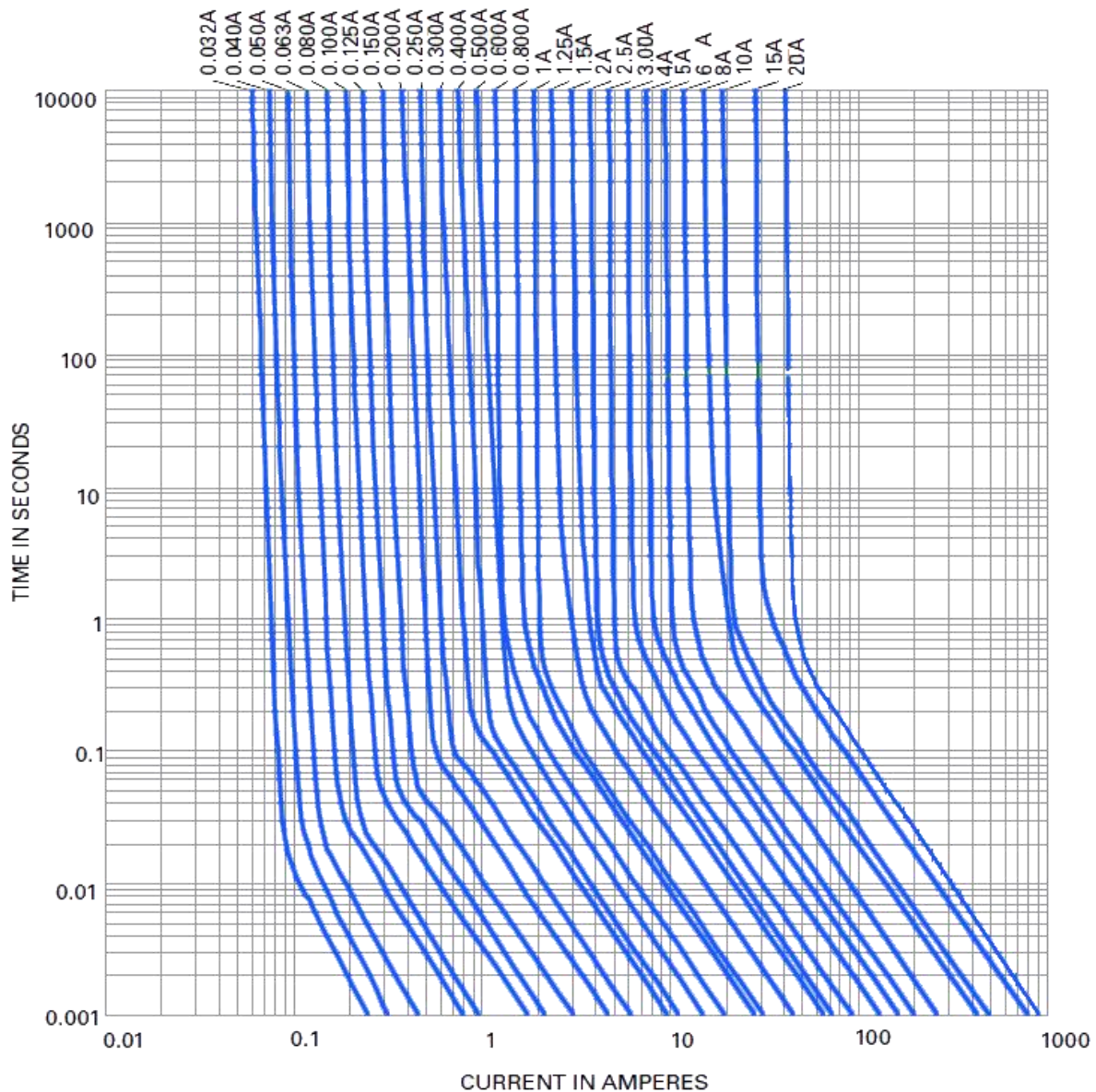
Product Characteristics:

- ✧ **Lead Pull Strength:** 5N for 1 Minute
- ✧ **Solder ability:** Wave : 260℃, ≤10s; Soldering Iron: 350℃, ≤3s.

Electrical Characteristics

- ✧ **Test Condition**
All electrical test is to be conducted with the ambient air at a temperature of $25 \pm 5^{\circ}\text{C}$.
- ✧ **Interrupting Rating:**
Breaking Capacity: 1000A @ 250VAC.
The insulation resistance value of fuse is greater than $0.1 \text{ M } \Omega$ after breaking capacity testing.
- ✧ **Rising Temperature Test:**
Under the ambient temperature of $25 \pm 5^{\circ}\text{C}$, through 1.5 times the rated current for 15 minutes, then every 15 minutes, add an increase of 0.1 times the rated current. When operates, the temperature rise in any part of fuse should not exceed 135°C .

Average Time Current Curves



CONTACT INFORMATION

Shanghai Ecube-Tech Electronics Technology Co., Ltd.

上海赫品电子科技有限公司

Email: Marketing@ecube-tech.com

Tel: +86 21 50723288

Fax: 400 8892 163 Ext. 324988

Address: No.245, Jinan Road, Huangpu Area, Shanghai, 200021, China

Website: www.ecube-tech.com