

Application:

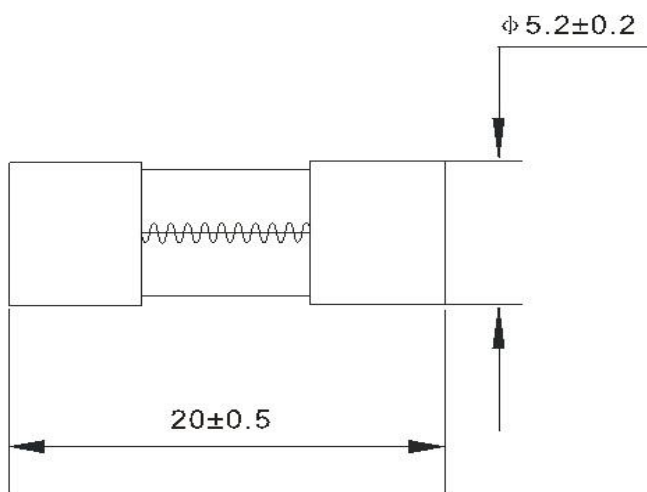
- ✧ This product is suitable for various kinds of electronic devices' circuit over current protection. Widely used in the industries of Battery Charges, Consumer Electronics, Power supplies, Industrial Controllers, etc.

Naming Rule:

C2	T	A	W	-	xxA
1	2	3	4		5

1. Ceramic Case Fuselink 5*20mm
2. Time Lag
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)
C2TA*-050A	0.05	250V	21.292	0.017	3500
C2TA*-063A	0.063	250V	14.268	0.028	3000
C2TA*-080A	0.08	250V	9.07	0.075	2500
C2TA*-0100A	0.1	250V	6.018	0.079	2000
C2TA*-0125A	0.125	250V	4.2	0.1465	1900
C2TA*-0160A	0.16	250V	3.7	0.144	1500
C2TA*-200A	0.2	250V	1.6	0.341	1300
C2TA*-250A	0.25	250V	1.0495	0.5405	1100
C2TA*-315A	0.315	250V	0.8475	1.11	1000
C2TA*-400A	0.4	250V	0.535	1.325	900
C2TA*-500A	0.5	250V	0.37	2.825	300
C2TA*-630A	0.6	250V	0.275	4.675	250
C2TA*-800A	0.8	250V	0.0813	3.37	150
C2TA*-1000A	1	250V	0.0613	6.73	150
C2TA*-1250A	1.25	250V	0.0336	23.35	150
C2TA*-1600A	1.6	250V	0.0293	14.45	150
C2TA*-2000A	2	250V	0.0219	23.25	120
C2TA*-2500A	2.5	250V	0.0173	38.15	100
C2TA*-3150A	3.15	250V	0.0129	69.1	100
C2TA*-4000A	4	250V	0.0104	111	100
C2TA*-5000A	5	250V	0.0076	198.5	100
C2TA*-6300A	6.3	250V	0.0065	260.3	100
C2TA*-8000A	8	250V	0.0059	341.5	100
C2TA*-10000A	10	250V	0.0045	568	100
C2TA*-12000A	12.5	250V	0.0034	889	100
C2TA*-15000A	15	250V	0.0028	1405	100

Operating Characteristics:

% of Ampere Rating(In)	Blowing Time
100%	4H Min.
135%	15sec Min., 1H Max
200%	0.5sec Min., 5sec Max

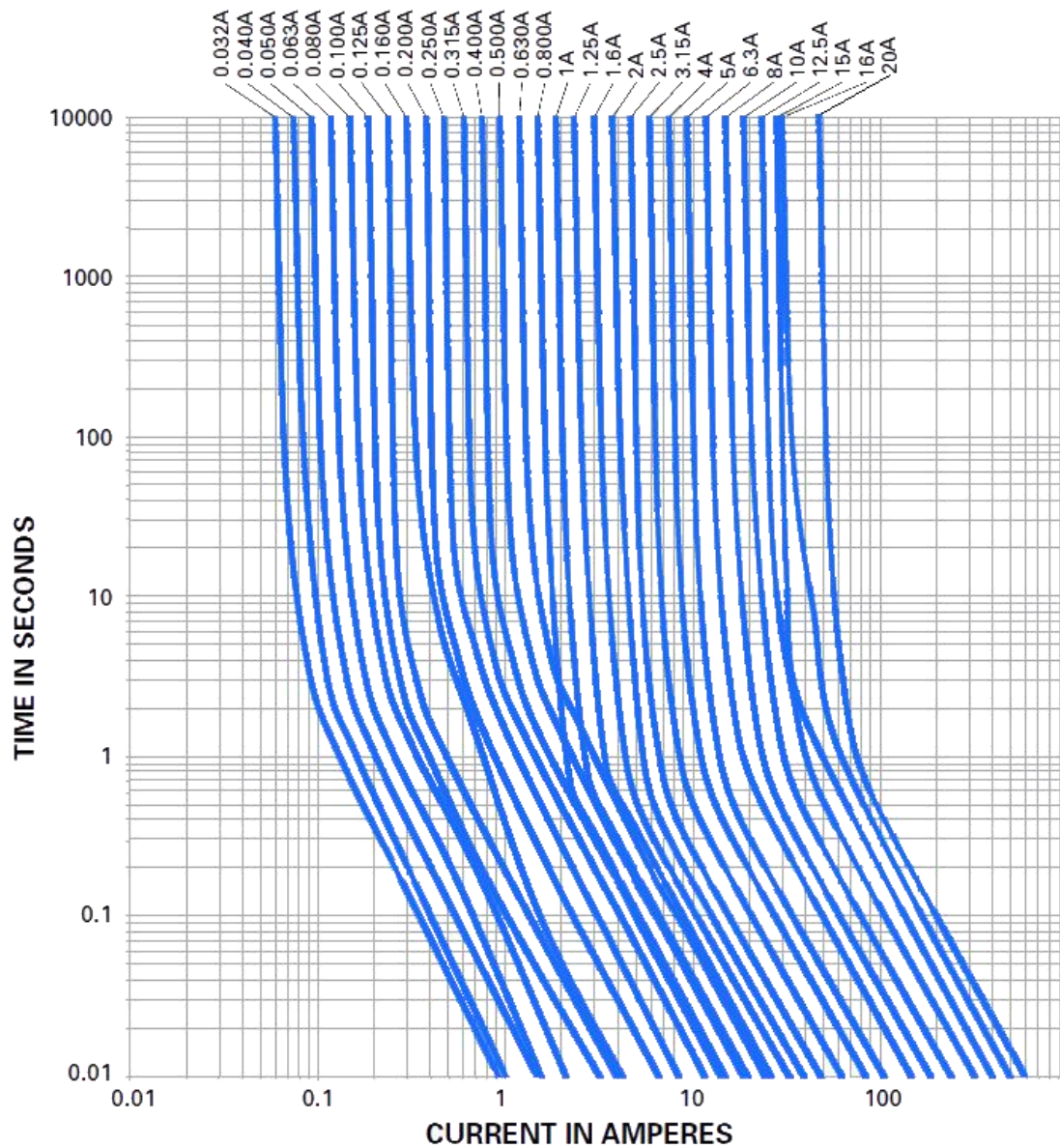
Product Characteristics:

- ✧ **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