

Application:

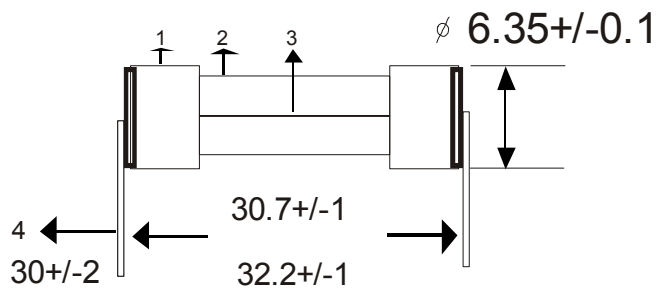
- ✧ This product is suitable for various kinds of electronic devices' circuit over current protection. Widely used in the industries of Consumer Electronics, Power supplies, Industrial Controllers, etc.

Naming Rule:

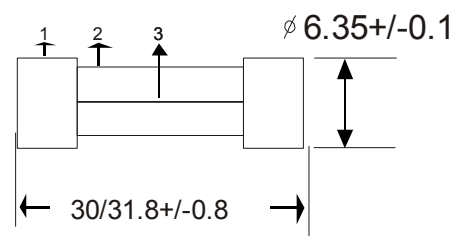
HC3	T	B	W	-	xxA
1	2	3	4		5

1. High Voltage Ceramic Case
TubeFuse 6*32mm
2. Time-lag
3. Rated Voltage (A-400V, B-500V, C-600V, D-1000V)
4. W: Without lead L: Axis Leded
P: Pigtaile Leded
5. Rated Current
(e.g.:0.375A=375mA; 6.3A=6.3A)

Structure:(Unit:mm)



P Series



W Series

NO.	Position	Material
①	Cap	Nickel plated brass
②	Ceramic Tube	Ceramic Materials
③	Fuse Element	Alloy
④	Lead Wire	Tinned copper wire

Electrical Specifications:

Part No.	Ampere Rating(A)	Voltage Rating	Nominal Cold Resistance (Ohms)	I ² TMelting Integral(A ² .S)
HC3TBW-0.375A	0.375	500V	0.820	0.050
HC3TBW-0.5A	0.5	500V	0.500	0.115
HC3TBW-0.75A	0.75	500V	0.500V	0.466
HC3TBW-1.0A	1	500V	0.189	0.690
HC3TBW-2.0A	2	500V	0.0700	11.0
HC3TBW-3.0A	3	500V	0.0432	14.6
HC3TBW-4.0A	4	500V	0.0470	10.4
HC3TBW-5.0A	5	500V	0.0300	26.0
HC3TBW-6.0A	6	500V	0.0240	45.0
HC3TBW-6.3A	6.3	500V	0.0200	55.0
HC3TBW-7.0A	7	500V	0.0187	71.0
HC3TBW-8.0A	8	500V	0.0153	105
HC3TBW-10.0A	10	500V	0.0105	206
HC3TBW-12.0A	12	500V	0.00760	570
HC3TBW-15.0A	15	500V	0.00505	292
HC3TBW-20.0A	20	500V	0.00355	631
HC3TBW-25.0A	25	500V	0.00235	1450
HC3TBW-30.0A	30	500V	0.00182	2490
HC3TBW-40.0A	40	500V	0.0014	22925

Operating Characteristics:

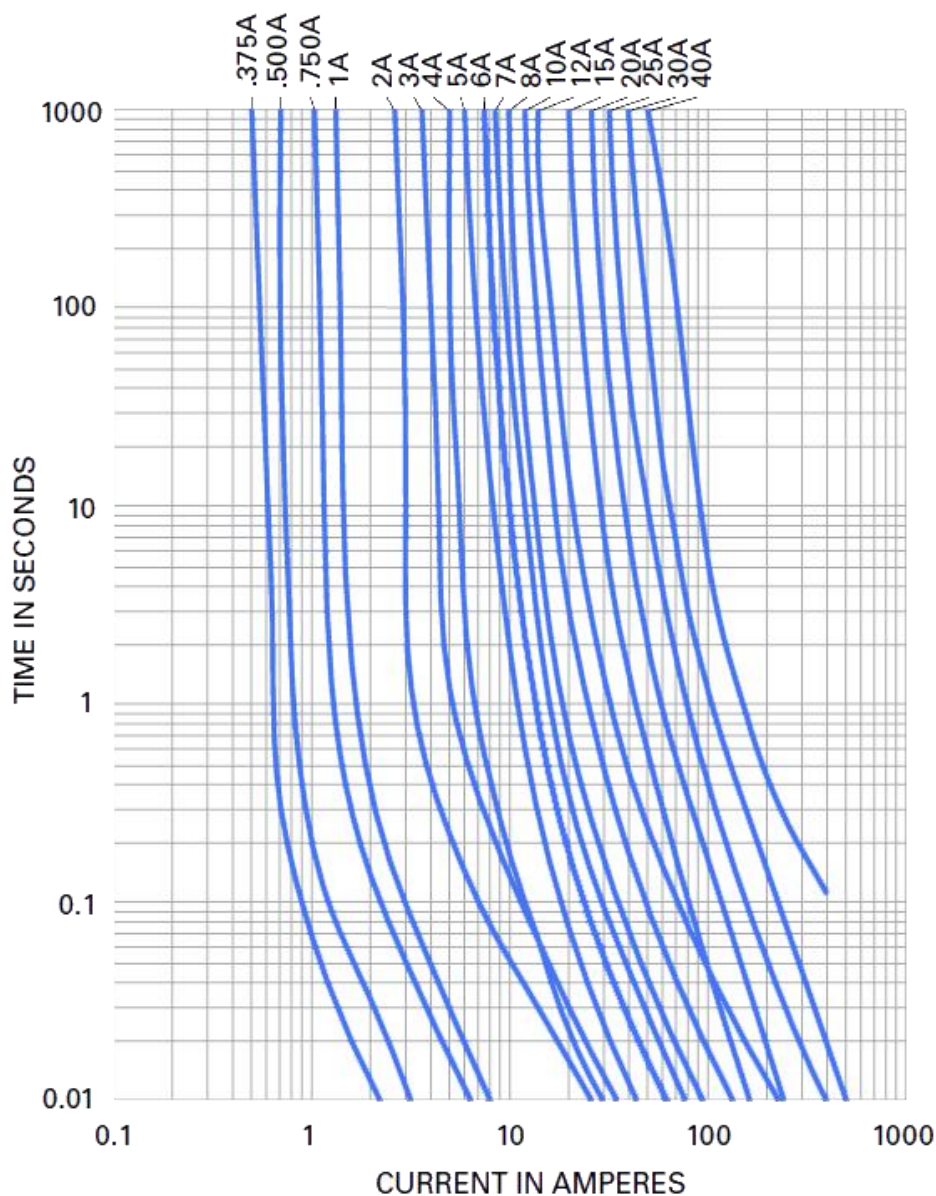
% of Ampere Rating(In)	Blowing Time
100%	4 hours Min.
135%	1 hour Max.
200%	5sec Min.
200%	60sec Max.

Product Characteristics:

- ✧ **Lead Pull Strength:** 10N for 1 Minute
- ✧ **Solder ability:** Wave : 260℃, ≤4s; Soldering Iron: 350℃, ≤3s.
- ✧ **Breaking Capacity:**

10000A@250V	Lighting against 5KV	AC
35A@250V	Lighting against 10KV	AC (less than or 1A)
100A@250V	Lighting against 10KV	AC (1.1A—25A)
400A@250V	Lighting against 10KV	AC (25A—40A)

Average Time Current Curves



ENVIRONMENTAL SPECIFICATION

- ✧ **Operating Temperature: -5℃~60℃**
- ✧ **Storage Conditions**
 - Temperature: +10℃~60℃**
 - On average, It can be stored below the relative humidity 75% for 3 years.**
 - Without open-air, It can be kept under humidity of 95% for 30 days.**

Packing Information:

- ✧ **MPQ:1000pcs, In bulk**

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