

# **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:

<b>C</b> 3	F	Α	W	-	xxA
1	2	3	4		5

Ceramic Case Fuselink 6\*32mm
Fast Acting
Rated Voltage (A-250V)
W: Without lead L: Leaded
Rated Current

# (e.g.:0315A=315mA; 6300A=6.3A)

## Structure:(Unit:mm)



NO.	Position	Material
D	End Cap	Nickel plated brass
0	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)	I2TMelting Integral (A2.S)
C3FA*-0375A	0.375	250V	0.82	0.05
C3FA*-0500A	0.5	250V	0.5	0.115
C3FA*-750A	0.75	250V	0.25	0.466
C3FA*-1000A	1	250V	0.189	0.69
C3FA*-2000A	2	250V	0.07	11
C3FA*-3000A	3	250V	0.0432	14.6
C3FA*-4000A	4	250V	0.047	10.4
C3FA*-5000A	5	250V	0.03	26
C3FA*-6000A	6	250V	0.024	45
C3FA*-7000A	7	250V	0.0187	71
C3FA*-8000A	8	250V	0.0153	105
C3FA*-10000A	10	250V	0.0105	206
C3FA*-12000A	12	250V	0.0076	570
C3FA*-15000A	15	250V	0.00505	292
C3FA*-20000A	20	250V	0.00355	631
C3FA*-25000A	25	250V	0.00235	1450
C3FA*-30000A	30	250V	0.00182	2490

# **Operating Characteristics:**

% of Ampere Rating(In)	Blowing Time
100%	4 Hours Min.
135%	1 Hour Max
200%	5sec Max



### **Product Characteristics:**

- ♦ Lead Pull Strength: 5N for 1 Minute
- ♦ Solder ability: Wave :  $260^{\circ}$ C,  $\leq 10s$ ; Soldering Iron:  $350^{\circ}$ C,  $\leq 3s$ .

## **Electrical Characteristics**

♦ Test Condition

All electrical test is to be conducted with the ambient air at a temperature of  $25\pm5$  °C.

#### ♦ Interrupting Rating:

Breaking Capacity:

35A	250V	AC (less or 1A)
100A	250V	AC (2A—25A)
400A	250V	AC (30A)

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  $25 \pm 5^{\circ}$ 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**

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