



Your Power Safeguard™  
您的电路安全卫士



Φ5.2x20mm IEC STANDARD FUSE RoHS Compliant & Pb-Free  
**HIGH BREAKING CAPACITY CERAMIC  
TUBE FUSE (QUICK-ACTING)**  
高分断能力瓷保险丝管 (速断型)

**BREAKING CAPACITY/ 分断能力:**  
1,500 amperes at 250V AC

**TECHNICAL PARAMETERS/ 技术参数:**

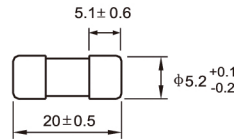
| CATALOG NO.<br>目录编号 | CURRENT RATING<br>额定电流 | MAX. VOLTAGE DROP<br>最大电压降 (mv) | SAFETY APPROVALS<br>安全认证 |     |       |     |        |     |        | REFERENCE (A <sup>2</sup> .Sec.) (RoHS) I <sup>2</sup> T<br>参考值 |
|---------------------|------------------------|---------------------------------|--------------------------|-----|-------|-----|--------|-----|--------|---|
|                     |                        |                                 | CCC                      | CQC | SEMKO | VDE | UR/cUR | BSI | PSE    |   |
| 50CF-0250H          | 250mA                  | 2800                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.0040 |   |
| 50CF-0315H          | 315mA                  | 2500                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.0142 |   |
| 50CF-0400H          | 400mA                  | 2000                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.0200 |   |
| 50CF-0500H          | 500mA                  | 1800                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.0309 |   |
| 50CF-0630H          | 630mA                  | 1500                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.0672 |   |
| 50CF-0800H          | 800mA                  | 1200                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.1210 |   |
| 50CF-010H           | 1A                     | 1000                            | ●                        | ●   | ●     | ●   | ●      | ●   | 0.2019 |   |
| 50CF-013H           | 1.25A                  | 800                             | ●                        | ●   | ●     | ●   | ●      | ●   | 0.4489 |   |
| 50CF-016H           | 1.6A                   | 600                             | ●                        | ●   | ●     | ●   | ●      | ●   | 1.243  |   |
| 50CF-020H           | 2A                     | 500                             | ●                        | ●   | ●     | ●   | ●      | ●   | 2.204  |   |
| 50CF-025H           | 2.5A                   | 400                             | ●                        | ●   | ●     | ●   | ●      | ●   | 1.995  |   |
| 50CF-032H           | 3.15A                  | 350                             | ●                        | ●   | ●     | ●   | ●      | ●   | 4.271  |   |
| 50CF-040H           | 4A                     | 300                             | ●                        | ●   | ●     | ●   | ●      | ●   | 12.22  |   |
| 50CF-050H           | 5A                     | 250                             | ●                        | ●   | ●     | ●   | ●      | ●   | 24.20  |   |
| 50CF-063H           | 6.3A                   | 200                             | ●                        | ●   | ●     | ●   | ●      | ●   | 51.30  |   |
| 50CF-080H           | 8A                     | 200                             | ●                        | ●   | ●     | ●   | ●      | ●   | 102.2  |   |
| 50CF-100H           | 10A                    | 200                             | ●                        | ●   | ●     | ●   | ●      | ●   | 204.7  |   |
| 50CF-120H           | 12A                    | 200                             | ●                        | ●   | ●     | ●   | ●      | ●   | 360.5  |   |
| 50CF-125H           | 12.5A                  | 180                             | ●                        | ●   | ●     | ●   | ●      | ●   | 407.6  |   |
| 50CF-150H           | 15A                    | 180                             | ●                        | ●   | ●     | ●   | ●      | ●   | 698.5  |   |
| 50CF-160H           | 16A                    | 180                             | ●                        | ●   | ●     | ●   | ●      | ●   | 891.2  |   |

**H DENOTES FOR 250V**      **H 表示 250V**  
**● DENOTES FOR APPROVED**      **● 表示已取得安全认证**

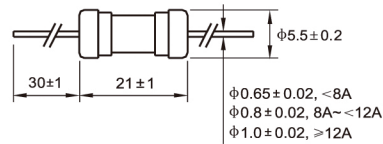
**Dimensions/ 尺寸:**

Unit 单位: mm

50CF



50CF(P)



**Standards/ 标准:** IEC 60127 GB 9364

**Operating Temperature/ 工作温度:** -55°C ~125°C

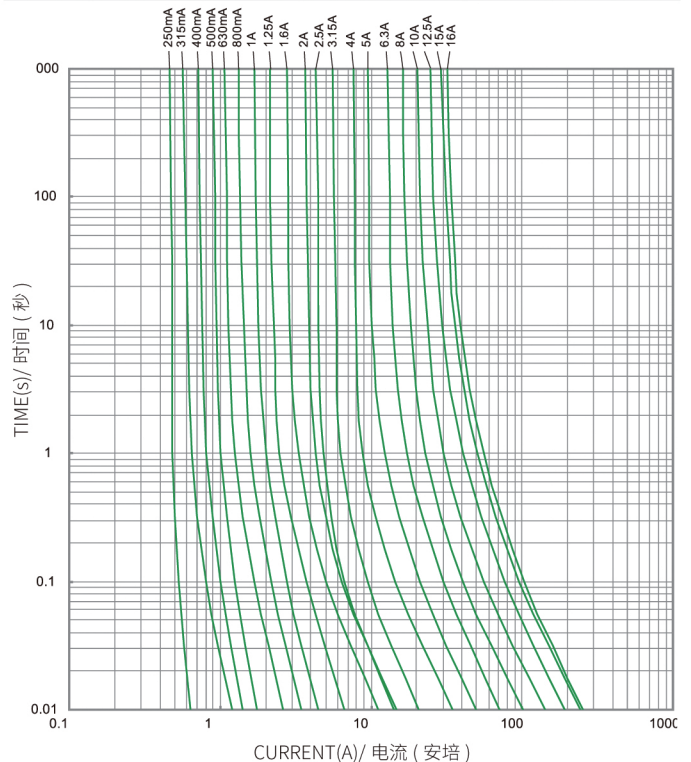
**Storing Temperature/ 储存温度:** -55°C ~85°C

**Resistance to soldering heat/ 耐焊接热性:** 260°C, 10s Max

**Solderability/ 可焊性:** 245°C ±5°C, 5s±0.5s

**50CF AVERAGE I-T CHARACTERISTICS CURVE  
(FOR REFERENCE ONLY)**

**50CF 平均 I-T 曲线图 (仅供参考)**



**ELECTRICAL CHARACTERISTICS/ 电气特性:**

| RATING<br>额定 |         | BLOWING TIME<br>熔断时间 |            |            |            |
|--------------|---------|----------------------|------------|------------|------------|
|              |         | 250mA-4A             | 5A-6.3A    | 8A-10A     | >10A       |
| 2.1In        | Max. 最慢 | 30 minutes           | 30 minutes | 30 minutes | 30 minutes |
|              | Min. 最快 | 10 ms                | 10 ms      | 40 ms      | 40 ms      |
| 2.75In       | Max. 最慢 | 2 seconds            | 3 seconds  | 20 seconds | 20 seconds |
|              | Min. 最快 | 3 ms                 | 3 ms       | 10 ms      | 10 ms      |
| 4In          | Max. 最慢 | 300 ms               | 300 ms     | 1 second   | 1 second   |
|              | Min. 最快 | 20 ms                | 20 ms      | 30 ms      | 40 ms      |

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