# 50CT

Φ5.2x20mm IEC STANDARD FUSE RoHS Compliant&Pb-Free

## HIGH BREAKING CAPACITY CERAMIC TUBE FUSE (TIME-LAG)

## 高分断能力瓷保险丝管（慢断型）

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

### TECHNICAL PARAMETERS/ 技术参数 :

| PART NO. 目录编号 | CURRENT RATING 额定电流 | MAX. VOLTAGE DROP 最大电压降 (mv) | SAFETY APPROVALS 安全认证 CCC | CQC | SEMKO | VDE | BSI | UR/cUR | PSE | KC | TUV | REFERENCE ($A^2$.Sec.) (RoHS) $I^2T$ 参考值 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50CT-0200H | 200mA | 2100 | | | | | | ● | | | | 0.0480 |
| 50CT-0250H | 250mA | 1500 | | | | | | ● | | | | 0.0570 |
| 50CT-0315H | 315mA | 1100 | | | | | | ● | | | | 0.0960 |
| 50CT-0400H | 400mA | 1000 | | | | | | ● | | | | 0.1610 |
| 50CT-0500H | 500mA | 850 | | | | | | ● | | | | 0.2570 |
| 50CT-0630H | 630mA | 650 | | | | | | ● | | | | 0.4510 |
| 50CT-0800H | 800mA | 500 | | | | | | ● | | | | 0.5532 |
| 50CT-010H | 1A | 350 | ● | | ● | ● | ● | ● | ● | ● | | 1.014 |
| 50CT-013H | 1.25A | 300 | ● | | ● | ● | ● | ● | ● | ● | | 2.115 |
| 50CT-016H | 1.6A | 200 | ● | | ● | ● | ● | ● | ● | ● | | 4.238 |
| 50CT-020H | 2A | 190 | ● | | ● | ● | ● | ● | ● | ● | | 7.120 |
| 50CT-025H | 2.5A | 180 | ● | | ● | ● | ● | ● | ● | ● | | 7.781 |
| 50CT-032H | 3.15A | 140 | ● | | ● | ● | ● | ● | ● | ● | | 15.46 |
| 50CT-040H | 4A | 100 | ● | | ● | ● | ● | ● | ● | ● | | 37.60 |
| 50CT-050H | 5A | 100 | ● | | ● | ● | ● | ● | ● | ● | | 60.95 |
| 50CT-063H | 6.3A | 100 | ● | | ● | ● | ● | ● | ● | ● | | 101.3 |
| 50CT-080H | 8A | 100 | ● | | ● | ● | | ● | ● | ● | | 188.7 |
| 50CT-100H | 10A | 100 | ● | | ● | ● | | ● | ● | ● | | 323.4 |
| 50CT-120H | 12A | 180 | | | | | | ● | ● | | ● | 539.2 |
| 50CT-125H | 12.5A | 180 | | ● | ● | ● | | ● | ● | | ● | 585.1 |
| 50CT-150H | 15A | 180 | | | | | | ● | ● | | ● | 934.1 |
| 50CT-160H | 16A | 140 | | ● | ● | ● | | ● | | | ● | 1055 |
| 50CT-200H | 20A | 100 | | | | | | ● | | | | 2116 |
| 50CT-250H | 25A | 100 | | | | | | ● | | | | 2709 |

● DENOTES FOR APPROVED
H DENOTES FOR 250V

● 表示已取得安全认证
H 表示 250V

**REAMARK 备注:**
**50CT(P)-125H WITHOUT VDE APPROVAL**
**50CT(P)-125H 产品无 VDE 认证**
**50CT(P)-160H WITHOUT VDE APPROVAL**
**50CT(P)-160H 产品无 VDE 认证**

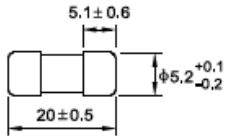
### ELECTRICAL CHARACTERISTICS/ 电气特性 :

| RATING 额定 | | BLOWING TIME 熔断时间 200mA-800mA | 1A-3.15A | 4A-10A | >10A |
|---|---|---|---|---|---|
| 2.1In | Max. 最慢 | 30 minutes | 30 minutes | 30 minutes | 30 minutes |
| 2.75In | Min. 最快 | 250 ms | 750ms | 750 ms | 1 second |
| | Max. 最慢 | 80 seconds | 80 seconds | 80 seconds | 80 seconds |
| 4In | Min. 最快 | 50 ms | 95 ms | 150 ms | 150 ms |
| | Max. 最慢 | 5 seconds | 5 seconds | 5 seconds | 8 seconds |
| 10In | Min. 最快 | 5 ms | 10 ms | 10 ms | 20 ms |
| | Max. 最慢 | 150 ms | 150 ms | 150 ms | 150 ms |

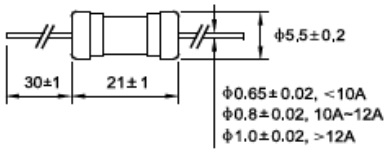
### Dimensions/ 尺寸 :

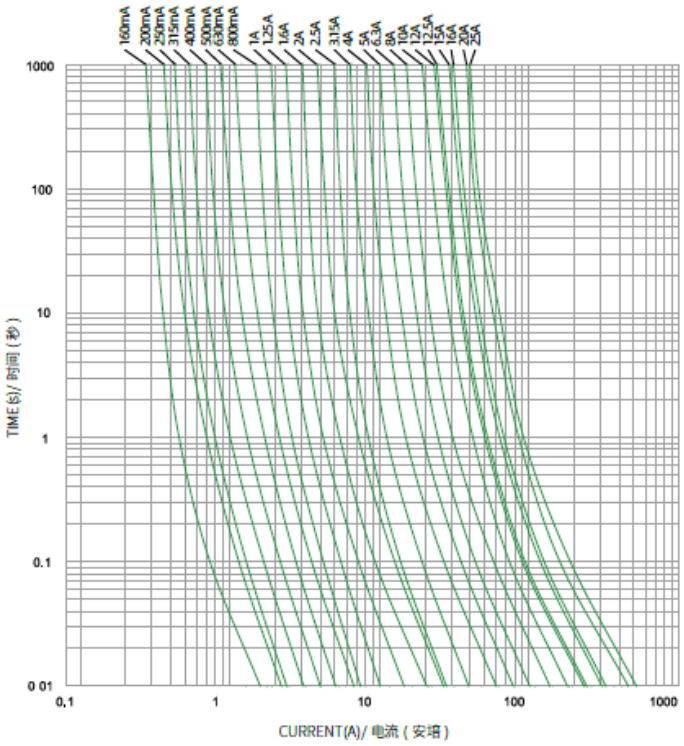
Unit 单位: mm

50CT




50CT(P)




**Standards/ 标准: IEC 60127 GB 9364**
**Operating Temperature/ 工作温度: -55°C ~125°C**
**Storaging 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**

**50CT** AVERAGE I-T CHARACTERISTICS CURVE
(FOR REFERENCE ONLY)
**50CT 平均 I-T 曲线图 ( 仅供参考 )**