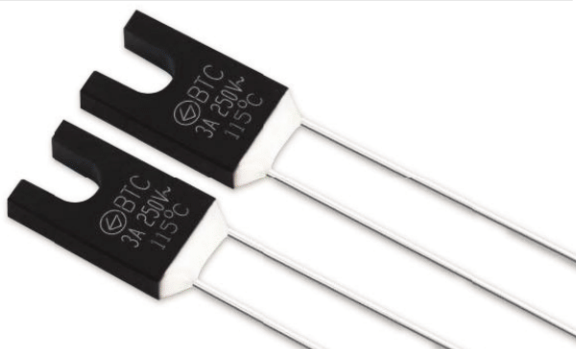




# BTCシリーズ 温度ヒューズ

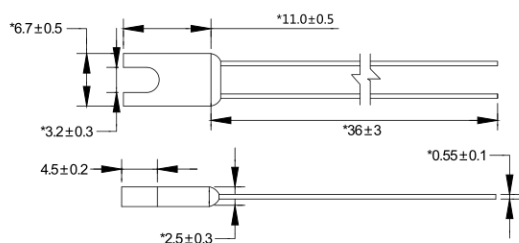
## BTC系列温度保险丝 BTC SERIES THERMAL FUSE



### 关键特性 KEY FEATURES OF THE PRODUCT

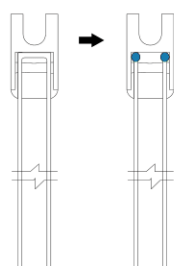
- 环保易熔合金型  
Environmentally fusible alloy type
- 塑料外壳  
Plastic case
- 外壳U型结构, 可螺栓固定安装  
U Type case structure for bolt fixture
- 采用CP线, 提高耐焊性  
Adopt CP line to improve soldering performance
- 动作温度精准  
Accurate action temperature
- 一次动作保护, 不可恢复  
Not recoverable

### 尺寸 DIMENSIONS(MM)



备注：导线长度可根据客户要求定制  
Note: Wire length can be customized according to customer requirements.

### 工作原理 WORKING PRINCIPLE



动作前 Before Action      动作后 After Action

当温度保险丝本体及周边环境温度上升至温度保险丝熔断温度时, 在助熔剂发挥表面张力作用下, 合金呈球状熔断, 切断电路, 发挥保护功能。

When fuse body and its ambience temperature rises to the melting point of Thermal fuse, the alloy is spherical fused under the surface tension of flux, cutting off the circuit and playing a protective role.

### 参数表 PARAMETER LIST

| 序号<br>No. | 料号<br>PN | 额定<br>动作温度 | 动作<br>温度                         | 保持<br>温度   | 极限<br>温度   | 额定<br>电流             | 额定<br>电压             | 认证<br>certification |     |     |     |    |
|-----------|----------|------------|----------------------------------|------------|------------|----------------------|----------------------|---------------------|-----|-----|-----|----|
|           |          | Tf<br>(°C) | Operating<br>temperature<br>(°C) | Th<br>(°C) | Tm<br>(°C) | Rated Current<br>(A) | Rated Voltage<br>(V) | UL/C-UL             | TUV | CCC | PSE | KC |
| 1         | BTC 115C | 115        | 111±2                            | 95         | 200        | 3A                   | 250VAC               | ●                   | ●   | ●   | ●   | ●  |
| 2         | BTC 125C | 125        | 121±2                            | 106        | 203        | 3A                   | 250VAC               | ○                   | ○   | ○   | ○   | ○  |
| 3         | BTC 130C | 130        | 125±2                            | 108        | 203        | 3A                   | 250VAC               | ○                   | ○   | ○   | ○   | ○  |
| 4         | BTC 135C | 135        | 131±2                            | 116        | 203        | 3A                   | 250VAC               | ○                   | ○   | ○   | ○   | ○  |
| 5         | BTC 145C | 145        | 140±2                            | 127        | 203        | 3A                   | 250VAC               | ○                   | ○   | ○   | ○   | ○  |
| 6         | BTC 150C | 150        | 144±2                            | 129        | 203        | 3A                   | 250VAC               | ○                   | ○   | ○   | ○   | ○  |

注: (1) ●=取得 ○=未取得  
(1) ●=obtained ○=no obtained