

## PPTC高分子正温系数热敏电阻器

### Polymer Positive Temperature Coefficient Thermistor

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##### PPTC (Polymeric Positive Temperature Coefficient) Thermistor Series

#### ● 特点 Features

- 电阻阻值小、体积小
- 工作电流范围宽
- 过电流过温度保护迅速
- 故障排除后可自动恢复初始状态

- Low Resistance Value, Compact Size.
- Wide Operating Current Range.
- Fast Overcurrent and Overtemperature Protection.
- Automatic Restoration to Initial State after Troubleshooting.

#### ● 应用范围 Applications

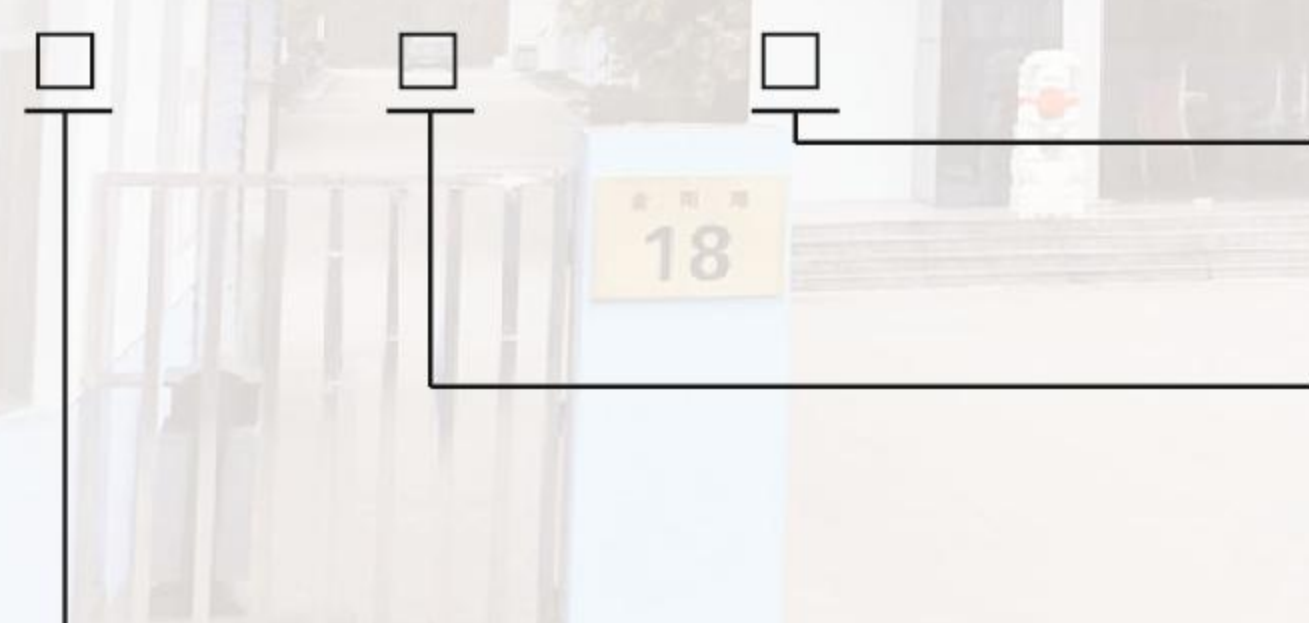
- 计算机及其外部设备、移动电话
- 电池组、远程通讯和网络装备、变压器
- 工业控制设备、汽车及其电子产品
- Computers and their peripheral devices, mobile phones.
- Battery packs, remote communication and network equipment transformers.
- Industrial control equipment, automotive and electronic products.

#### ● 性能指标 Performance Indicators

不动作电流 (IH)	不动作电流即额定电流或保持电流, 指在规定的的时间和温度条件下不导致PPTC热敏电阻阻值超出规定范围的电流
动作电流	使PPTC热敏电阻阻值呈阶跃型增加时的电流
触发电流 (TC)	最小动作电流
动作时间 (Trip)	动作电流通过PPTC时, 电流由初始值降到下限值所经历的时间
动作特性	PPTC动作电流与动作时间之间的关系
耐电压能力 (Vmax)	PPTC承受规定的最大工频电压的能力
耐电流能力 (Imax)	PPTC承受规定的最大工频电流或冲击电流的能力
动作功率 (P)	PPTC在其动作状态时所消耗的最大功率
最小电阻 (Rmin)	25°C时电阻的最小值
最大电阻 (Rmax)	25°C时电阻的最大值

Standby current (IH)	Also known as rated current or holding current, refers to the current that, under specified time and temperature conditions, does not cause the PPTC thermistor resistance to exceed the specified range.
Actuation Current	Current causing a step-like increase in the resistance of the PPTC thermistor.
Trip Current (TC)	Minimum operating current.
Actuation Time (Trip)	The time it takes for the current to drop from the initial value to the minimum value when the actuation current passes through the PPTC.
Actuation Characteristics	The relationship between the actuation current and actuation time of the PPTC.
Voltage Withstand Capability (Vmax)	The ability of the PPTC to withstand the specified maximum operating frequency voltage.
Current Withstand Capability (Imax)	The ability of the PPTC to withstand the specified maximum operating frequency current or surge current.
Actuation Power (P)	The maximum power consumed by the PPTC in its operating state.
Minimum Resistance (Rmin)	The minimum resistance value at 25°C.
Maximum Resistance (Rmax)	The maximum resistance value at 25°C.

#### ● 产品标志说明 Marking Instruction

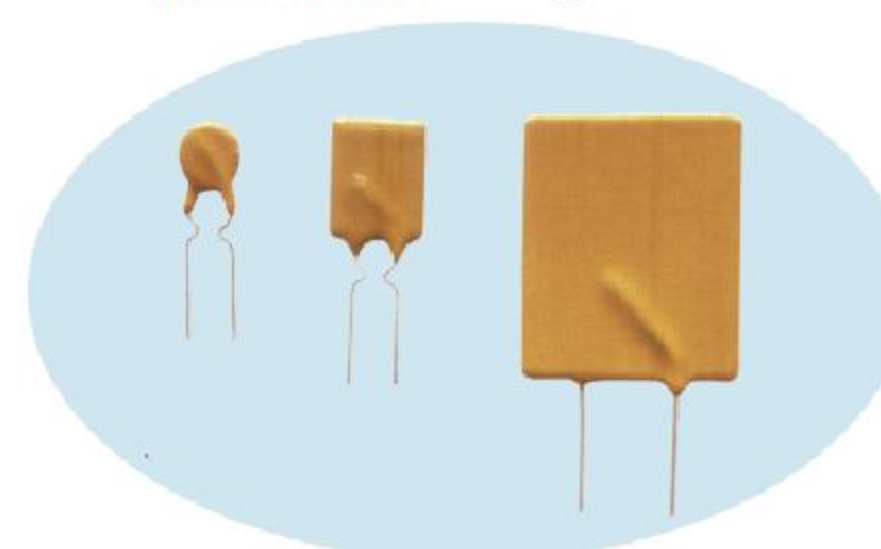


不动作电流代号: 135表示1.35A  
 Standby Current Code, e.g., 135 represents 1.35A

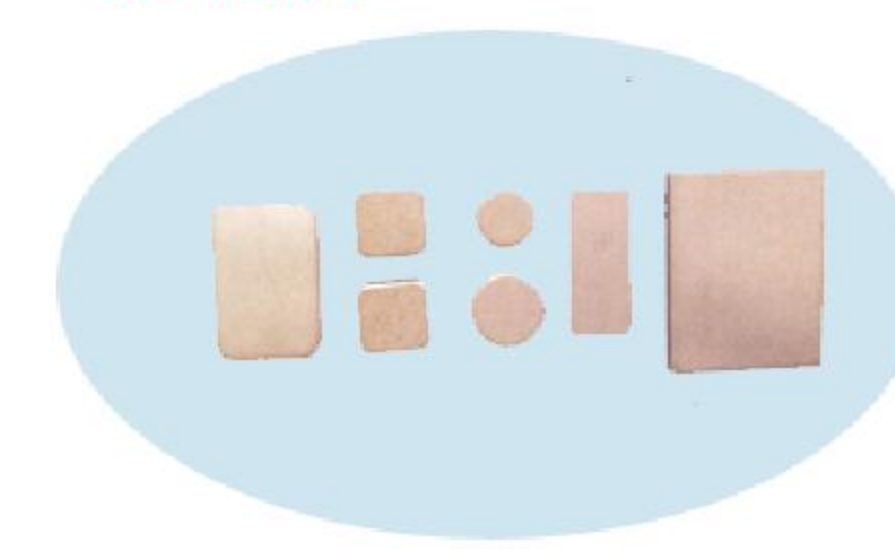
最大工作电压: 6表示Vmax为6V  
 Maximum Operating Voltage, e.g., 6 indicates Vmax is 6V

产品系列代号(电压字母代码): S/6V、X/60V、U/30V、G/16V、BR/120V  
 Product Series Code (Voltage Marking Code), e.g., S/6V,  
 X/60V, U/30V, G/16V, BR/120V

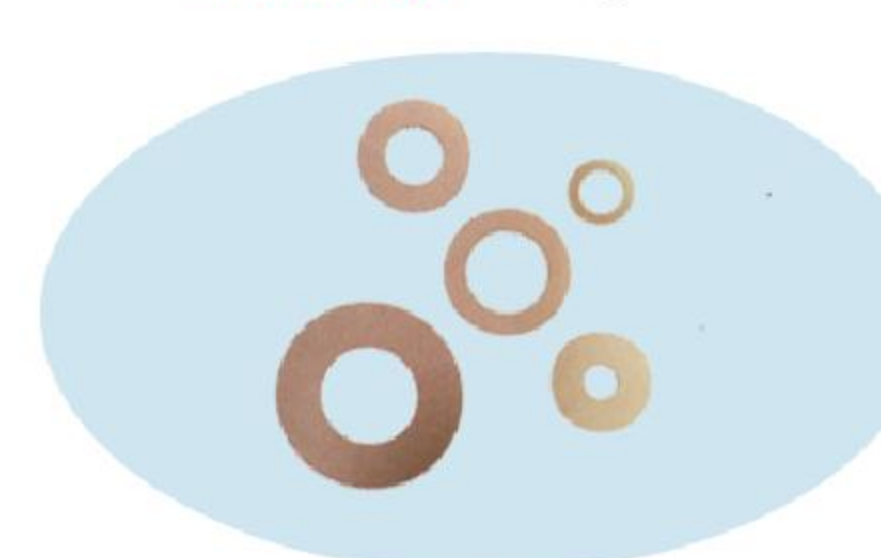
插件系列 Plug-in Series



光片系列 Bare Disk Series



环片系列 Ring Series



电池片系列 Battery Cell Series

