

## OKY3550

**Product Name:** TEC1-12706 Semiconductor Thermoelectric Cooler Peltier

**Product Module:** OKY3550

### Products Description:

- Its work is characterized by side refrigeration and side fever.
- Hot and cold on both sides of the temperature difference of 68 degrees
- Connected to the 12-volt power supply cooling piece on both sides there will be difference in temperature, side cold side of the heat, do not long power cooler radiator, otherwise it will cause cooler internal overheating and burning.
- Cooling piece is very simple to install and use. Before installation, to find a dry cell, connected to the two leads of the cooler, obviously cold you can feel at one end and the other end of fever, remember that the polarity of the lead and determine a good cooler cold and hot end. If you want to get a bigger system Ling, it is recommended that two cooling mode, with two stack up with the above, a grim absorption following a fever, the experiments prove two refrigeration effect is much better than the single-stage, the condition can choose three, of course, have a large power supply support.

### Product Features:

Chip: TEC1-12706

The external size: 40 \* 40 \* 3.75 mm

Internal resistance value: 2.1 ~ 2.4  $\Omega$  (23 + / - 1  $^{\circ}\text{C}$ , environment temperature 1 KHZ Ac test)

The largest temperature difference: delta Tmax (Qc = 0) more than 67  $^{\circ}\text{C}$ .

Working current: I<sub>max</sub> = 4.3-4.6 A rated (12 v)

Rated voltage: 12 v starting current (V<sub>max</sub>: 15 v 5.8 A)

Cooling power: Q<sub>cmax</sub> 60-72 w

Working conditions: temperature range and 55  $^{\circ}\text{C}$  ~ 80  $^{\circ}\text{C}$  (high environmental temperature drop directly affect the cooling efficiency)

### Package Included

1×PCS TEC1-12706 Semiconductor Thermoelectric Cooler Peltier

