Peltier Thermoelectric Cooling Module

Model:TEC1-12730

Description:

A semiconductor cooling device as a special source of cold, the technology has the following advantages and characteristics: does not require any refrigerant, can work, there is no source of pollution there is no rotating parts, will not produce rotation effect, there is no sliding parts is a The devices of the kinds of solid work without vibration, noise, long life, easy to install. Semiconductor cooling device has two functions, not only cooling but also heating and cooling efficiency is generally not high, but the induced thermal efficiency is high, always greater than 1. Therefore, a device can replace the discrete heating and cooling system.

Semiconductor refrigeration is the current change can device, the input current control, achieve high-precision temperature control, coupled with the temperature measurement and control instruments, easy to implement remote control, program control, computer control, facilitate the composition of the automatic control system . Semiconductor cooling device is very small thermal inertia of the cooling caused by heat time soon, in the hot side heat cold side no-load case, the power of less than a minute, the Cooler will be able to achieve the maximum temperature difference. The reverse use of the semiconductor cooling temperature difference power generation, semiconductor cooling device is generally applicable to the low temperature power generation.

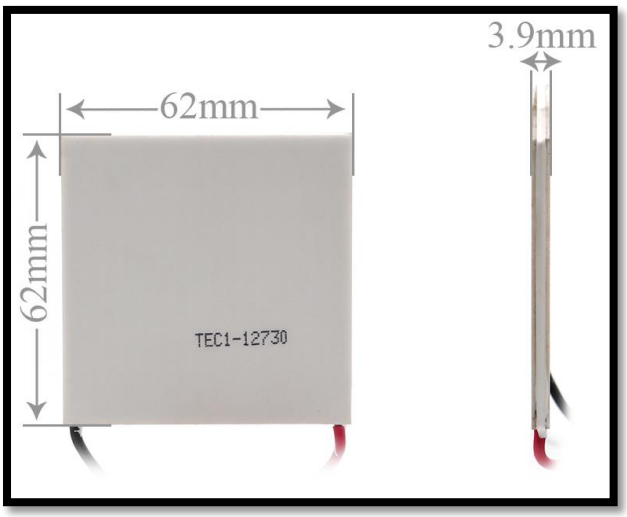
Features:

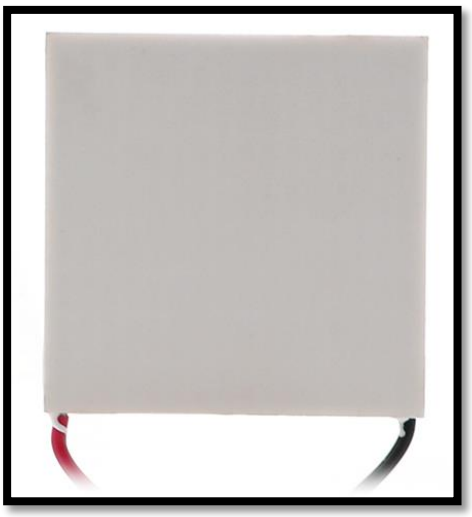
- Solid state, vibration free, noise-free.
- Easy to install and operate.
- The Hot Surface should be good heat sink.

Specifications:

- Hot Side Temperature: 25°C/ 50°C
- Qmax: 257W/282W
- Delta Tmax: 68°C /79°C
- Imax: 30.5A/30.5A
- Vmax: 15.6V /17.8V
- Module Resistance: 0.27Ω/0.31Ω
- Life Expectancy: 200,000 hours

More Detailed Photos:





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