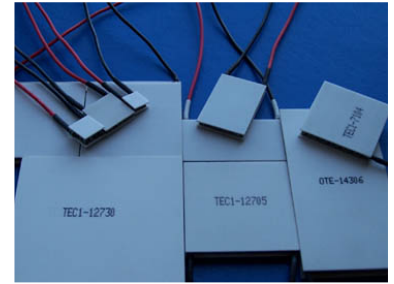


# Thermoelectric Peltier Module

Thermoelectric Peltier modules are semiconductor-based electronic components functioning as small heat pumps. Applying a DC voltage moves heat from one side to the other, creating a temperature difference.



## Product Overview

### Precision Thermal Management

Thermoelectric Peltier modules are advanced semiconductor-based electronic components designed to function as efficient, solid-state heat pumps. By applying a DC voltage, these modules actively transfer heat from one side to the other, creating a distinct temperature differential suitable for cooling or heating applications. Their compact design, silent operation, and capability for precise temperature control make them ideal for electronics cooling, portable refrigeration, and industrial temperature controllers.

## Technical Specifications

### Available Model Series

- TEC1-12730
- TEC1-12705
- TEC1-7104
- OTE-14306

### Construction Materials

Ceramic Plates, Bismuth Telluride

## Key Features

### Performance Benefits

Silent Operation • Compact Size • Precise Control • Solid-State

## Applications

### Typical Industry Applications

- Electronics Cooling
- Portable Refrigerators
- Industrial Temperature Controllers