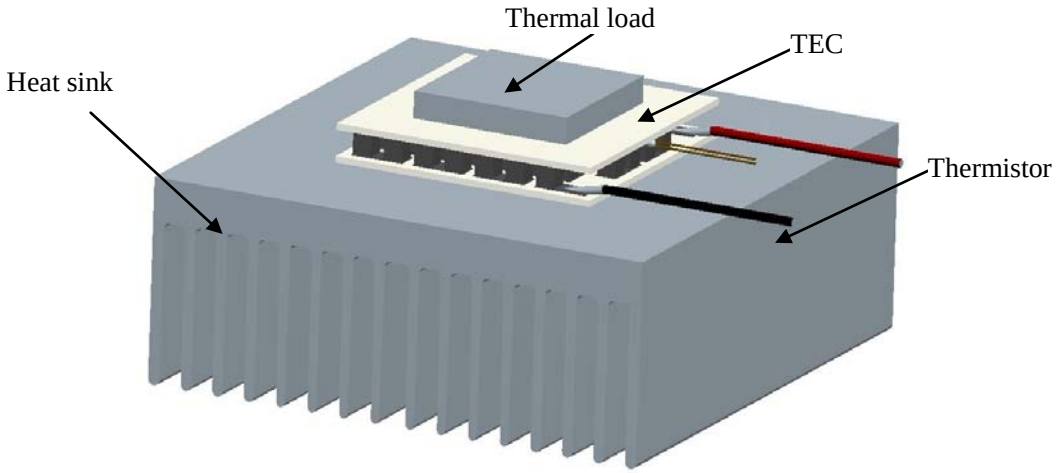
# How to Design TEC System

We provide a few TEC applications as below.

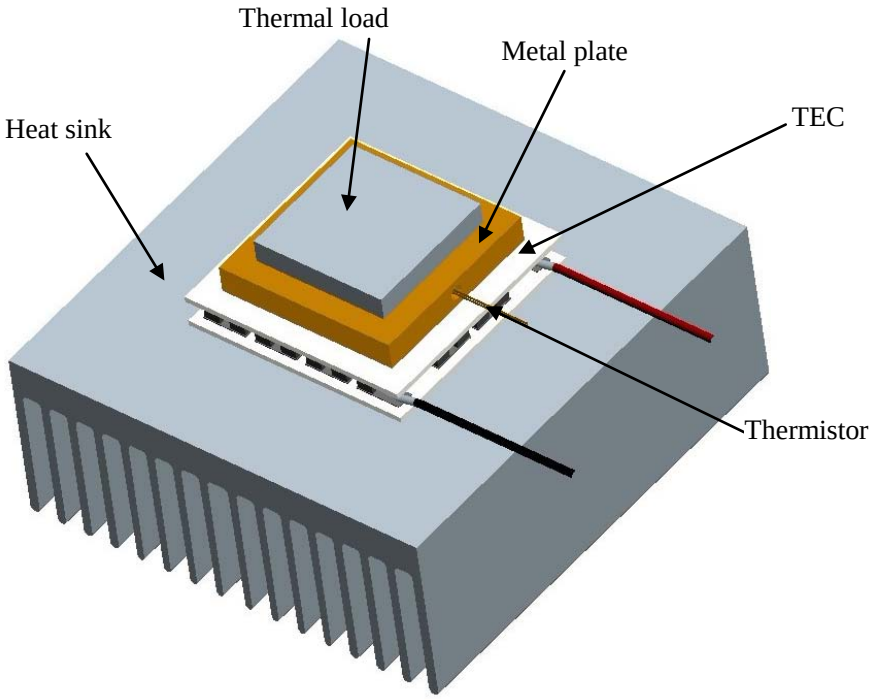
**I.**




1. Thermal conductive epoxy needs to be put between thermal load and TEC module, as well as TEC module and the heat sink to make sure that the connection between them is close enough.

2. The thermistor's head is fixed with the epoxy encapsulant.

**II.**

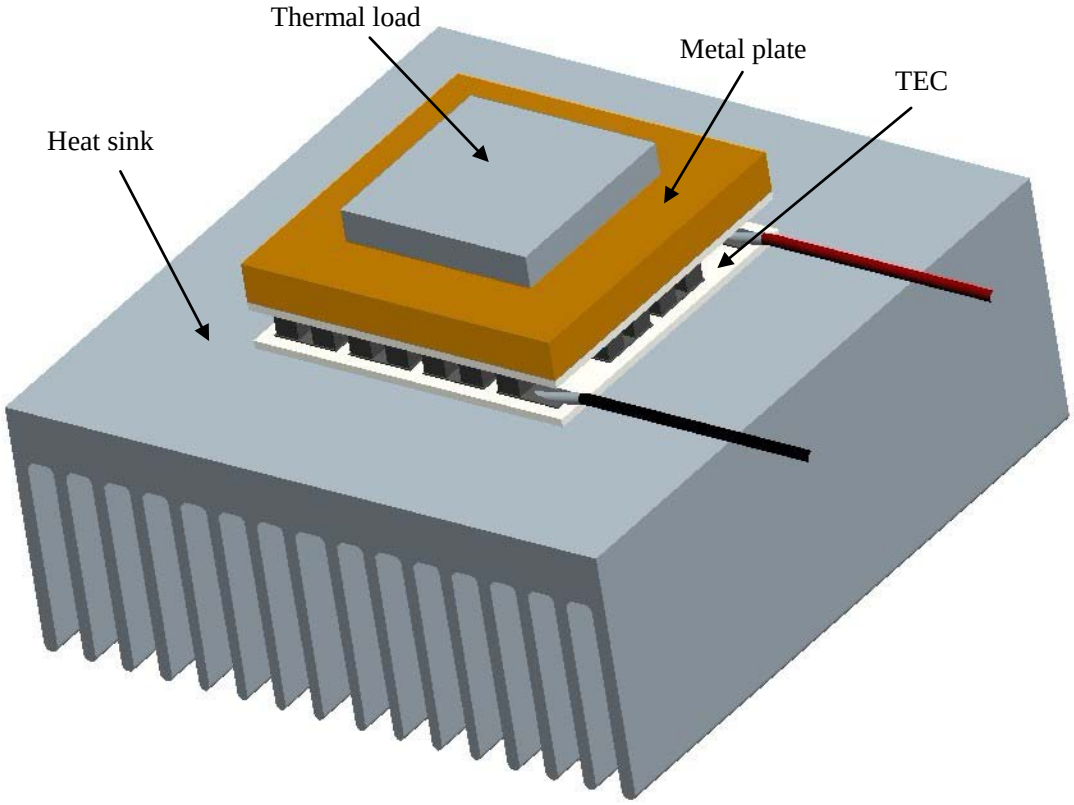



1. The hole in the metal to place the thermistor should be 3-5mm.

2. The thermistor's head is fixed with the epoxy encapsulant.

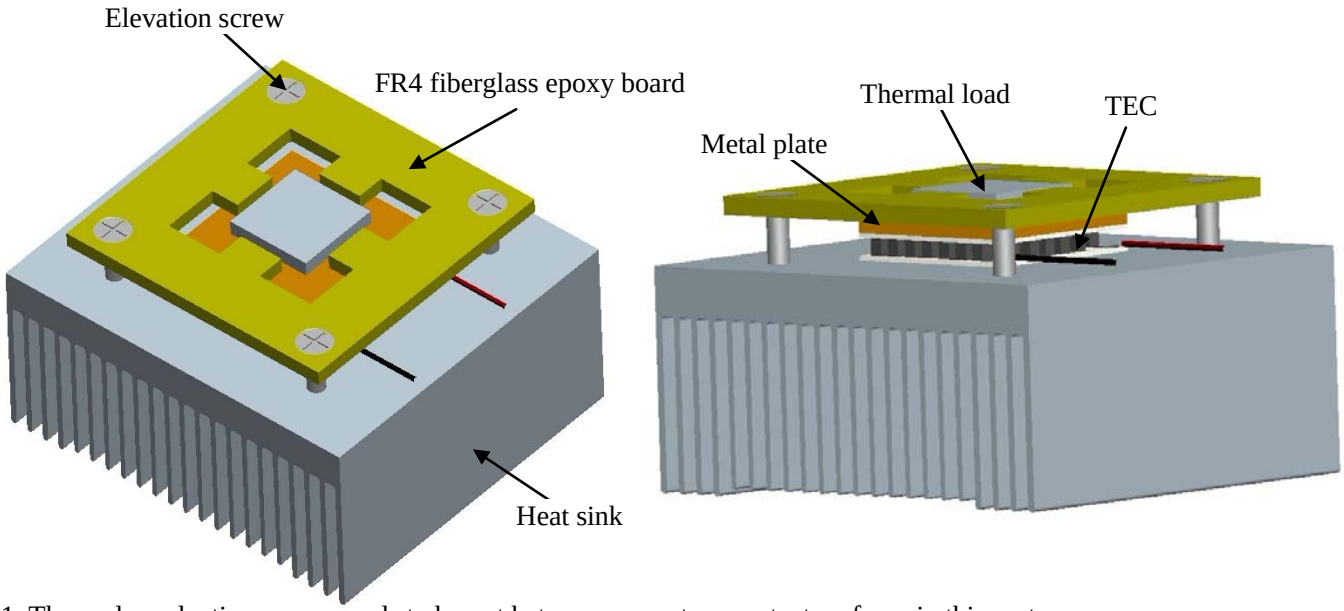
3. Thermal conductive epoxy needs to be put between every two contact surfaces in this system.

**III.**




Note: Thermal conductive epoxy needs to be put between every two contact surfaces in this system.

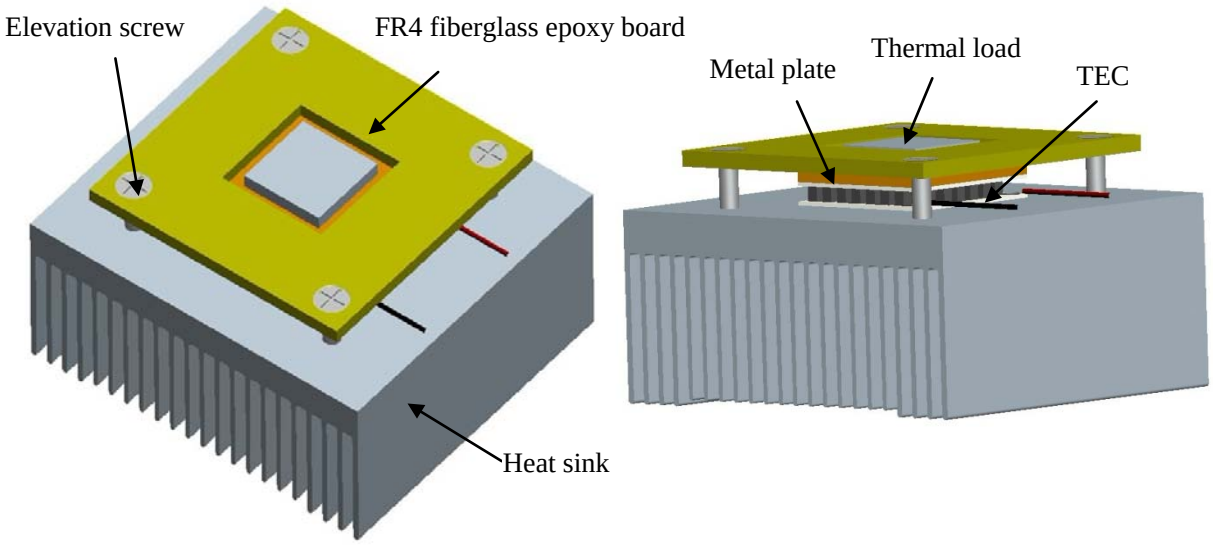
**IV.**




1. Thermal conductive epoxy needs to be put between every two contact surfaces in this system.

2. A thermal insulation pad should be placed between heat sink and nut screw when using the elevation screw to fix the system.

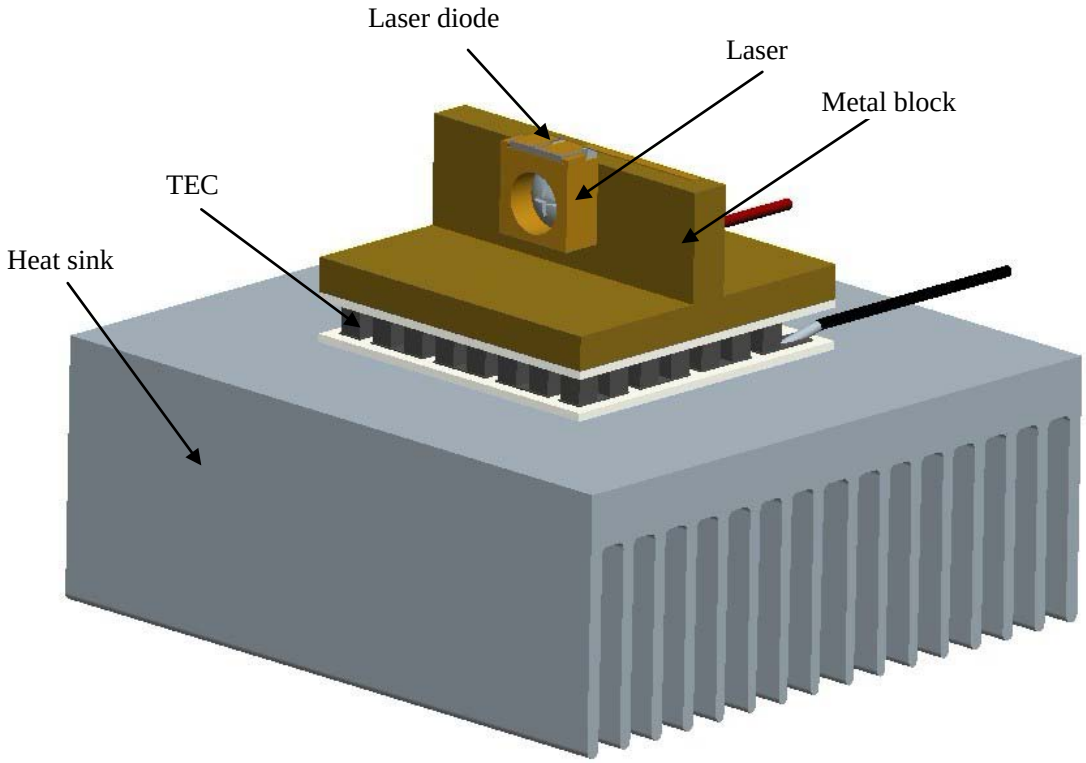
**V.**




1. Thermal conductive epoxy needs to be put between every two contact surfaces in this system.

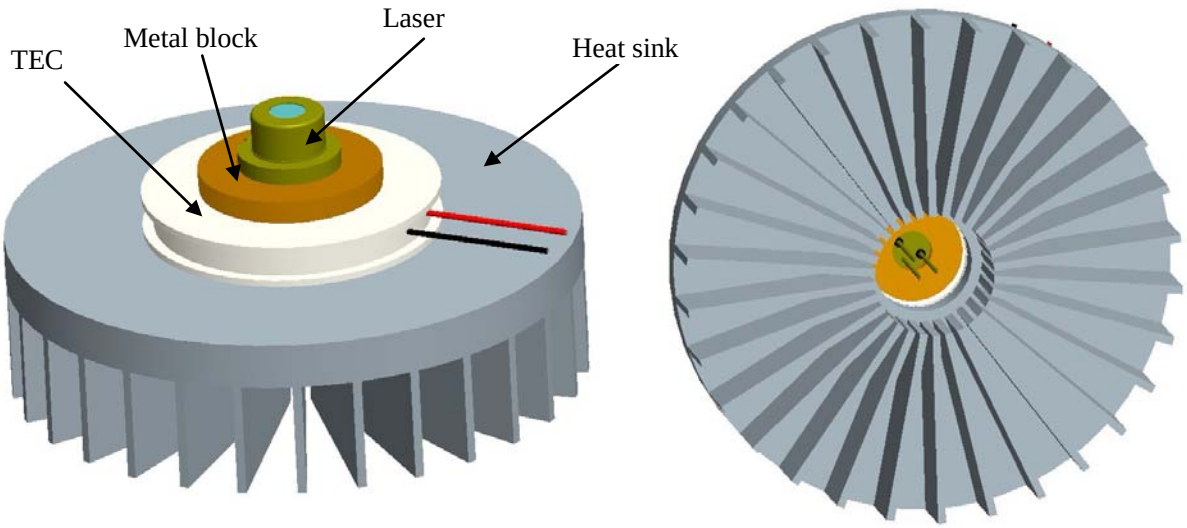
2. A thermal insulation pad should be placed between heat sink and nut screw when using the elevation screw to fix the system.

**VI.**




Note: Thermal conductive epoxy needs to be put between every two contact surfaces in this system.

**VII.**




Note: Thermal conductive epoxy needs to be put between every two contact surfaces in this system.