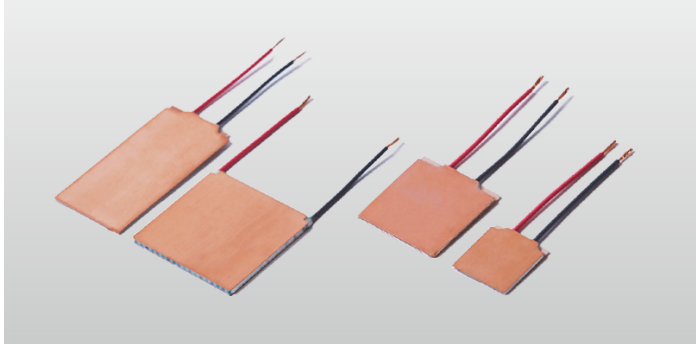




PELTIER MODULE / THERMOELECTRIC DEVICE (TED) FOR ADVANCED THERMO-MANAGEMENT SYSTEMS



APPLICATIONS

- ▶ Power electronics cooling
- ▶ Active antenna temperature control
- ▶ Direct to chip cooling
- ▶ Telecommunications base station / optical communication etc.

FEATURES

- ▶ High cooling performance
- ▶ Automotive grade design
- ▶ Minimum thickness
- ▶ High performance peltier module due to single crystal structure element
- ▶ High temperature type solder (Pb free)
- ▶ High durability by unique round shape element design and no use of ceramic substrate
- ▶ High thermal conductivity by Cu layer of both surfaces (enables direct soldering)
- ▶ Enable resin sealing of external side face
- ▶ Optional direct temperature detection with temperature sensor (thermistor)

