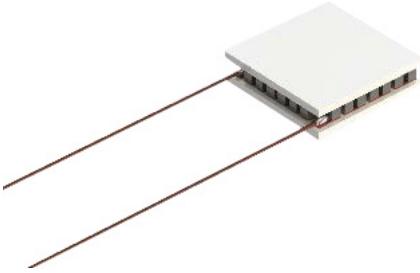


# Thermoelectric Cooler Module **multicomp**PRO

RoHS  
Compliant



## Features

- Precise temperature control
- Solid-state reliability

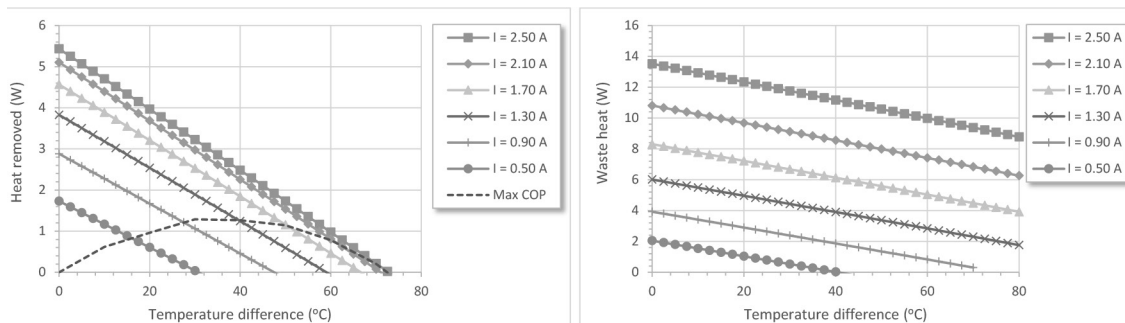
## Applications

Laser Diodes, Optical Transceivers, Lidar Sensors, Infrared Range (IR) Sensors, CMOS Sensors, Autonomous Systems, Machine Vision, Security Cameras

## Characteristics

|                      |                   |
|----------------------|-------------------|
| Hot Side Temperature | : 27°C            |
| DeltaT at 300K       | : 72.9°C          |
| Vmax                 | : 3.6V            |
| I <sub>max</sub>     | : 2.5A            |
| Q <sub>max</sub>     | : 5.4W            |
| Elect R              | : 1.34Ω           |
| Length               | : 10mm            |
| Width                | : 10mm            |
| Height               | : 2.5 ±0.127mm    |
| Flatness/Parellelism | : 0.05 / 0.05mm   |
| Lead Length          | : 50.8 ±2mm       |
| Temperature Range    | : -40°C to +120°C |

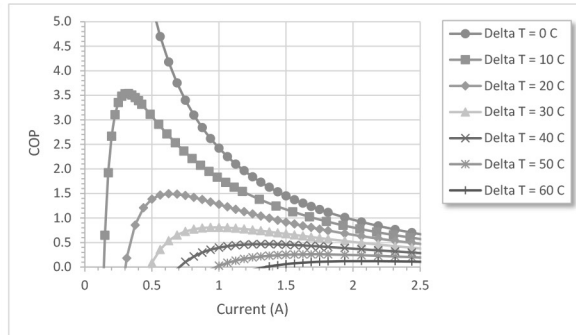
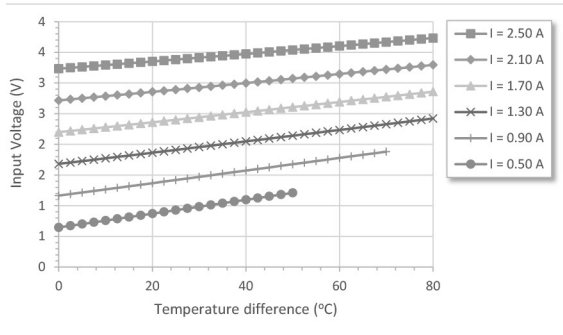
## Hot side temperature 27°C



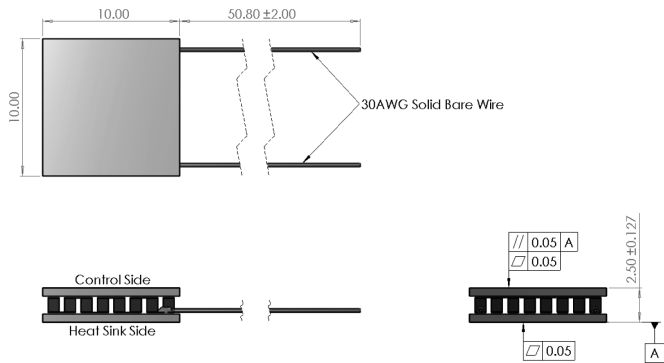
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Element14.com/multicomp-pro

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# Thermoelectric Cooler Module **multicomp** PRO



## Diagram



Ceramic Material:  $\text{Al}_2\text{O}_3$  / Solder Construction: 232°C, SbSn

Dimensions : Millimetres

## Part Number Table

| Description   | Part Number                 |
|---|-----------------------------|
| Thermoelectric Cooler Module, 10mm × 10mm × 2.5mm, 2.5A | MP-APOT-031-08-10(1010)A-M1 |

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