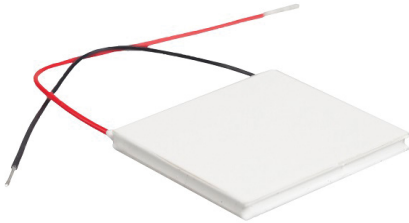


# Peltier Cooler Module

Single Stage, 127 Couples, 15.4V DC, 34.2W

multicomp<sup>PRO</sup>

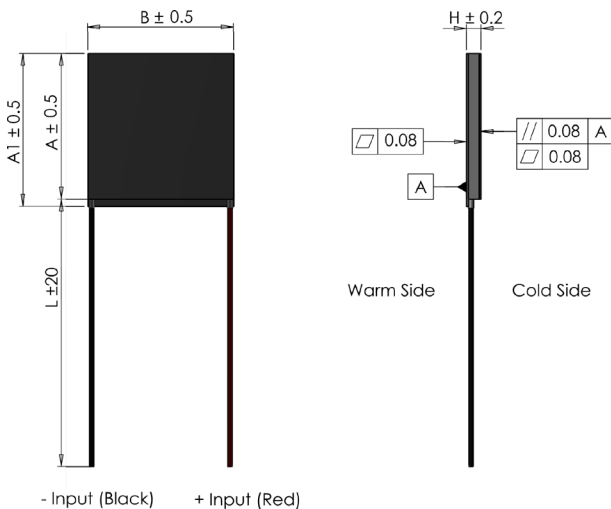
RoHS  
Compliant



## Electric Characteristics

|                    |            |
|--------------------|------------|
| $I_{max}$          | : 4A       |
| $V_{max}$          | : 15.4V DC |
| $P_c \text{ max}$  | : 34.2W    |
| $\Delta T_{max}$   | : 65°C     |
| Sealed             | : Silicone |
| Max Hot Side Temp. | : 80°C     |

## Diagram



## Dimensions

|   |         |
|---|---------|
| A | : 40mm  |
| B | : 40mm  |
| H | : 4.2mm |
| L | : 350mm |

## Notes

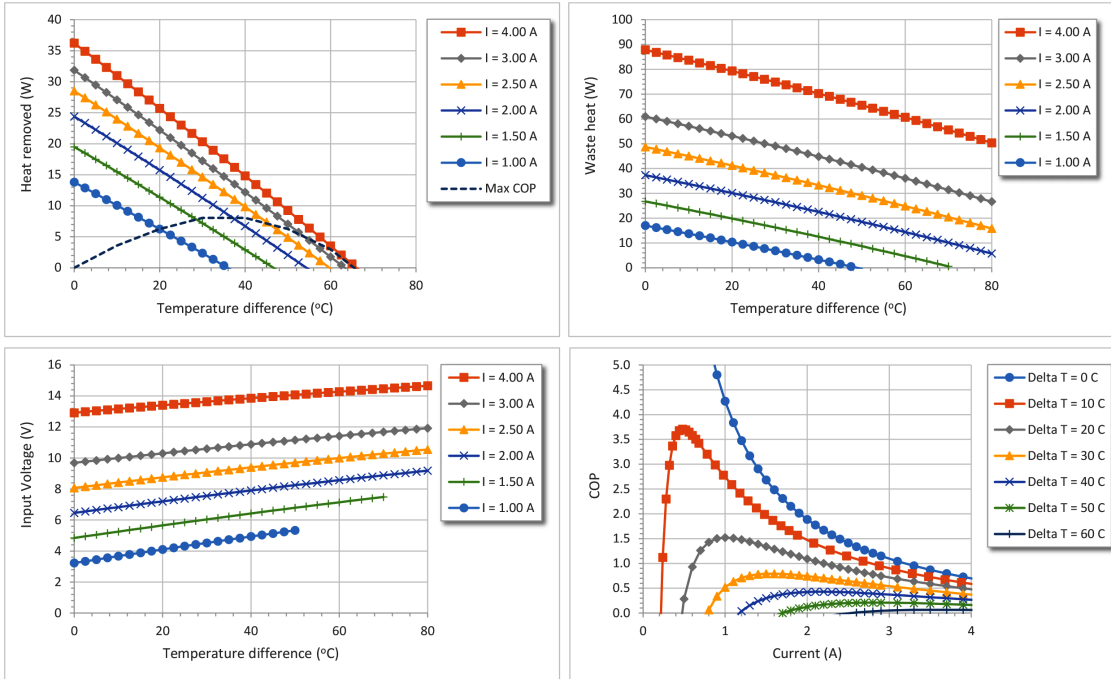
- (At hot side temperature  $T_h = 25^\circ\text{C} / 298\text{K}$ , under dry  $\text{N}_2$ )
- $P_c \text{ max}$  = Cooling power at  $\Delta T = 0$  and  $I = I_{max}$
- $\Delta T_{max}$  = Temperature difference at  $I = I_{max}$  and  $P_c = 0$
- Max hot side temperature  $T_h = 90^\circ\text{C}$  for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: AWG 20 UL 1674 insulation PVC max. 105°C

# Peltier Cooler Module

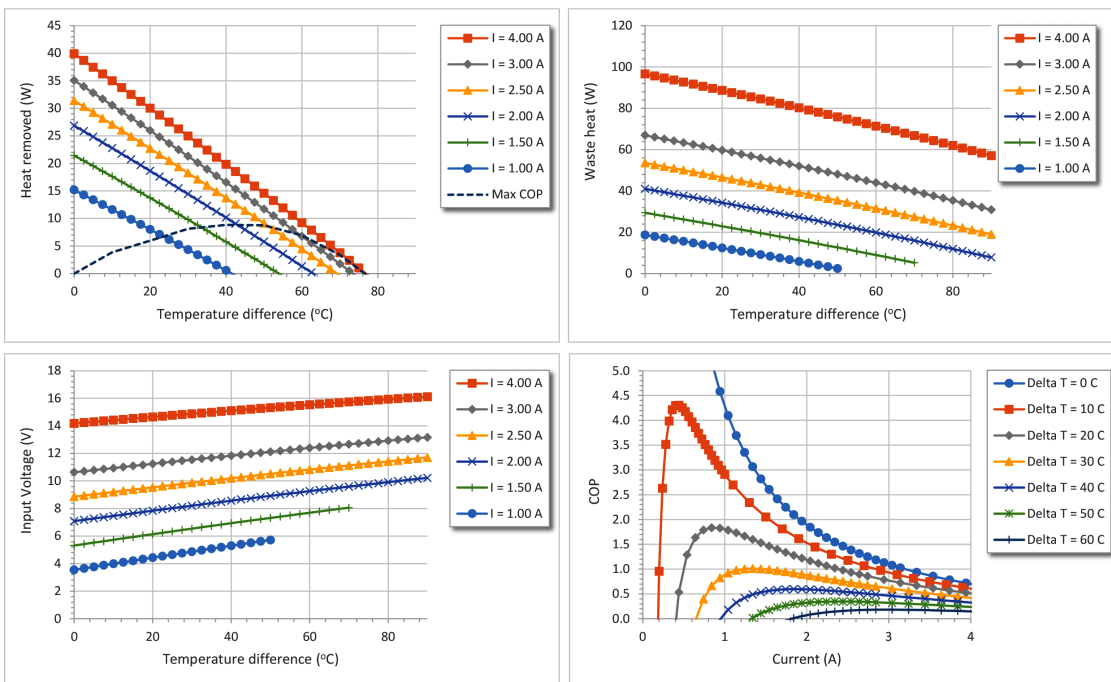
## Single Stage, 127 Couples, 15.4V DC, 34.2W



### At hot side temperature 25°C



### At hot side temperature 50°C



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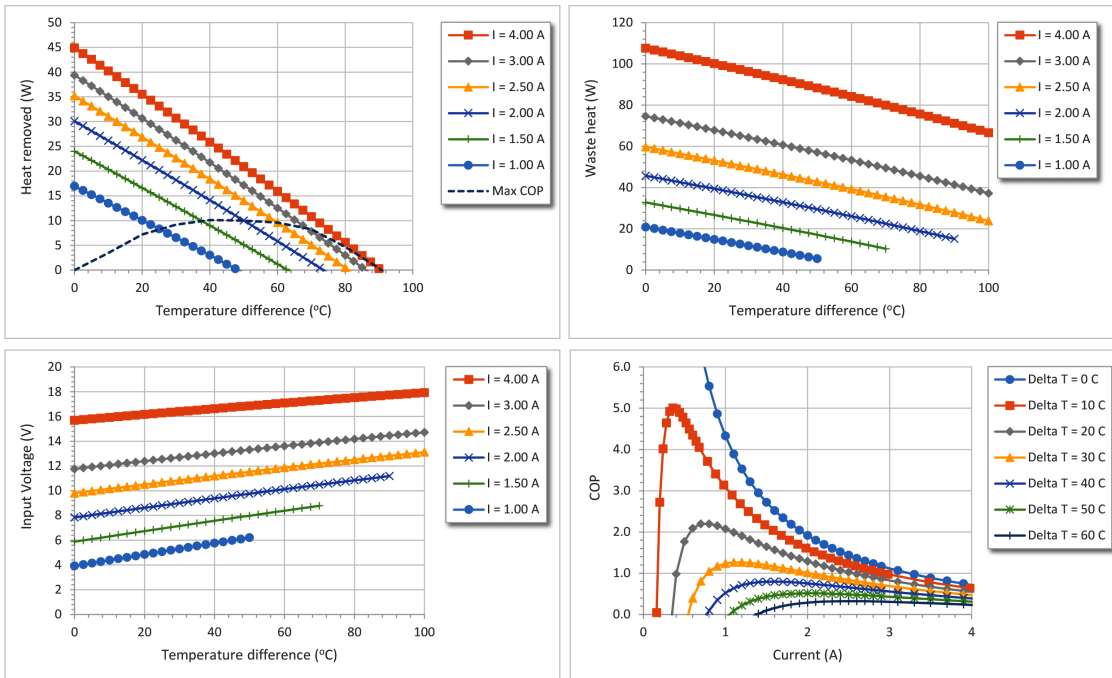


# Peltier Cooler Module

## Single Stage, 127 Couples, 15.4V DC, 34.2W



### At hot side temperature 75°C



### Part Number Table

| Description   | Part Number        |
|---|--------------------|
| Peltier Cooler Module, 127 Couples, 15.4V DC, 34.2W, 4A, 65°C | MPADV-127-135200-S |

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