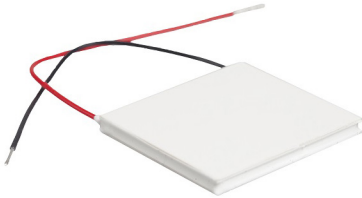


Peltier Cooler Module

127 Couples, 15.8V DC, 77W

multicomp^{PRO}

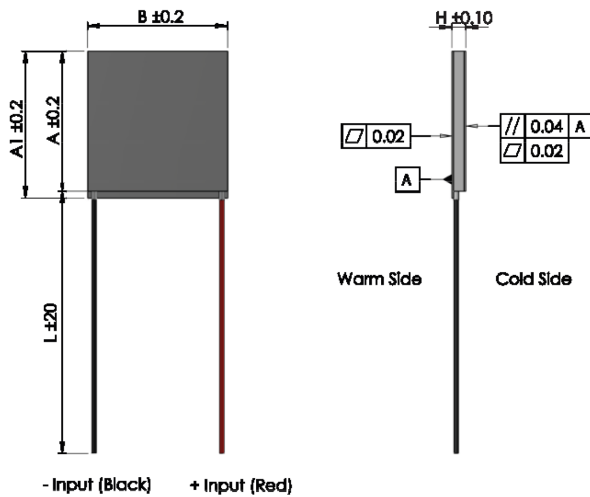
RoHS
Compliant



Electric Characteristics

| | |
|-------------------|------------|
| I_{max} | : 9.2A |
| V_{max} | : 15.8V DC |
| $P_c \text{ max}$ | : 77W |
| ΔT_{max} | : 70°C |

Diagram



Dimensions

| | |
|----|---------|
| A | : 30mm |
| A1 | : 30mm |
| B | : 15mm |
| H | : 3.6mm |
| L | : 100mm |

Notes

- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature $T_h = 150^\circ\text{C}$ for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: PFA PTFE wire, 600V, -60 to +250°C

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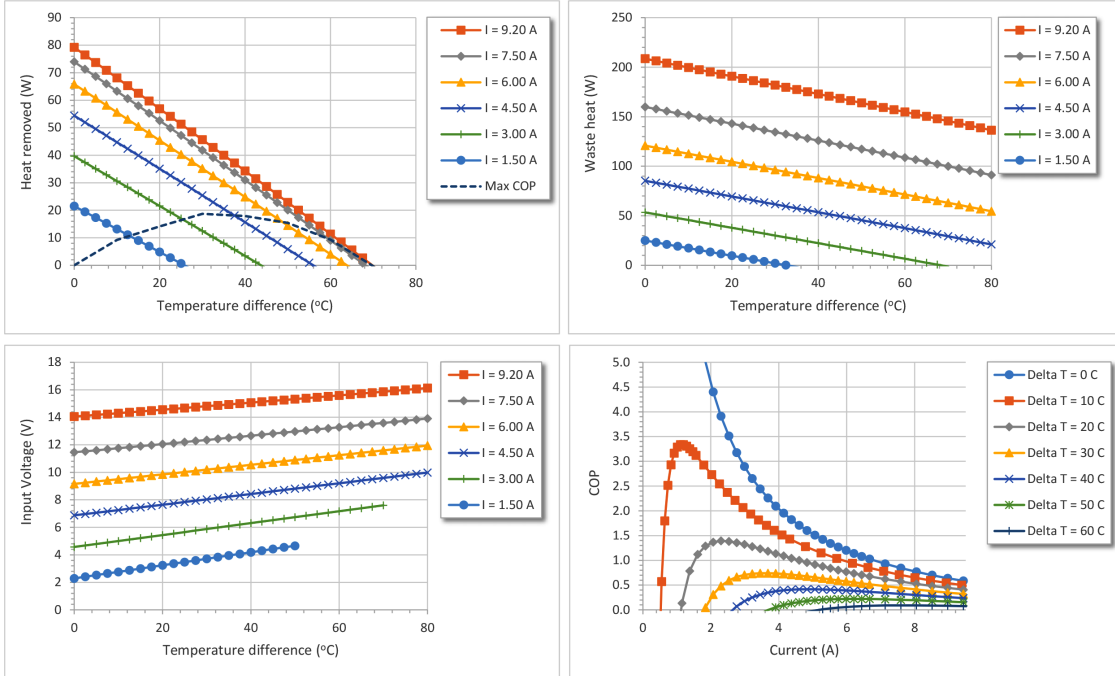
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Peltier Cooler Module

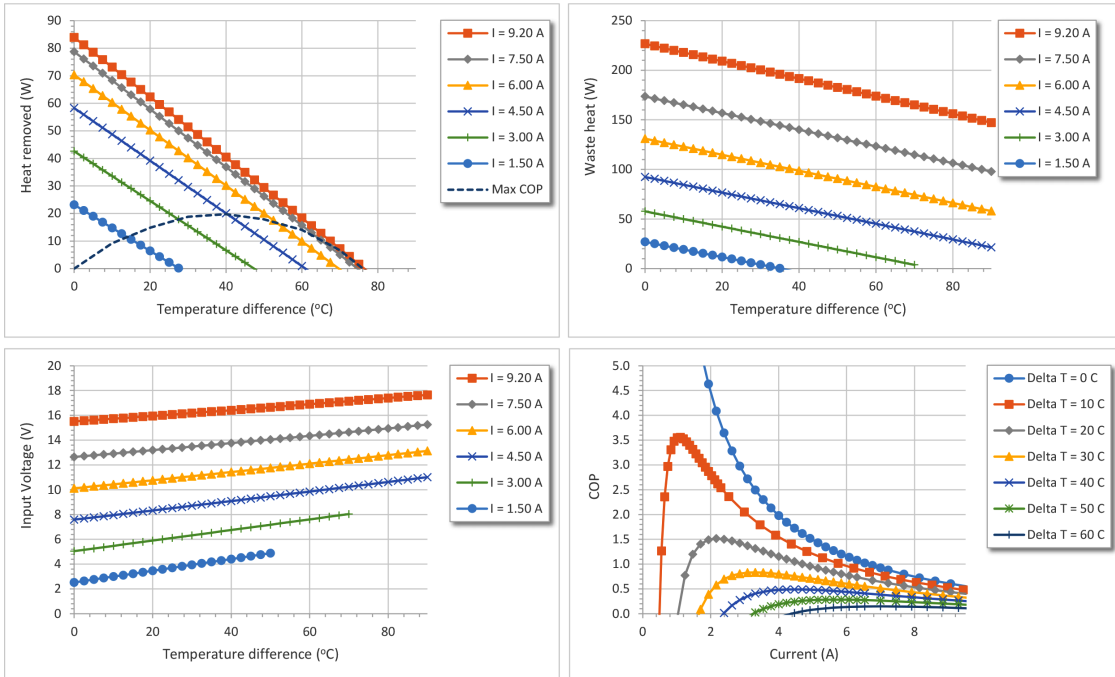
127 Couples, 15.8V DC, 77W



At hot side temperature 25°C



At hot side temperature 50°C



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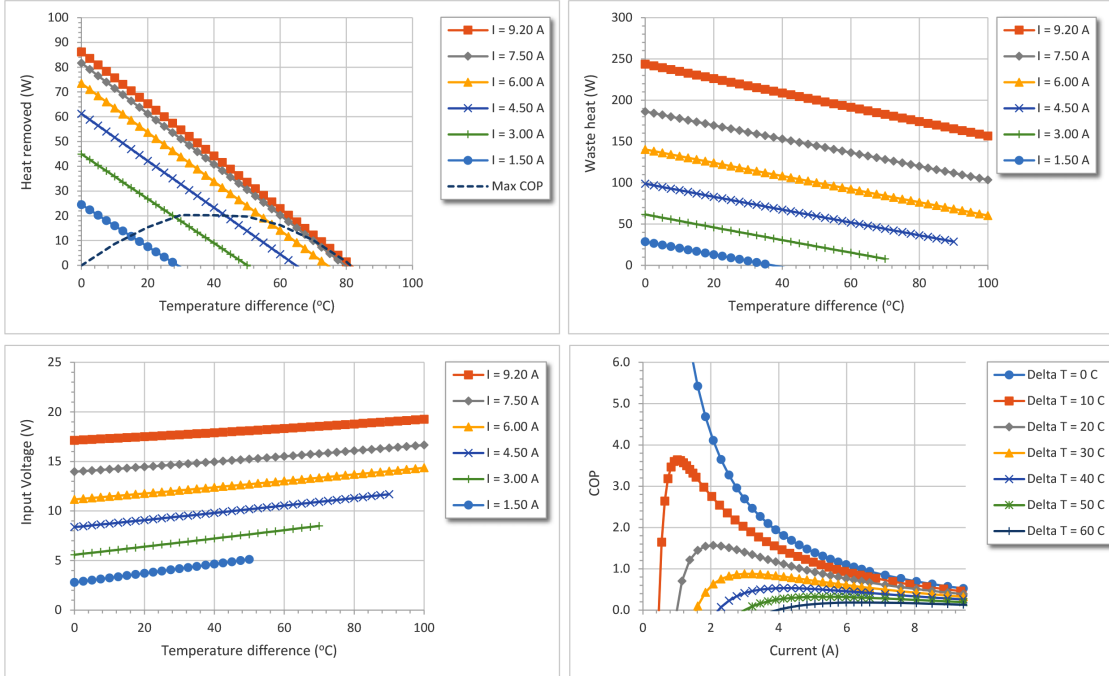


Peltier Cooler Module

127 Couples, 15.8V DC, 77W



At hot side temperature 75°C



Part Number Table

| Description | Part Number |
|---|----------------------|
| Peltier Cooler Module (Thermoelectric Cooler Module), 127 Couples, 15.8V DC, 77W, 9.2A, 70°C | MPETH-127-14-11-S-H1 |

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