

Peltier Cooler Module

17 Couples, 2.2V DC, 6.8W

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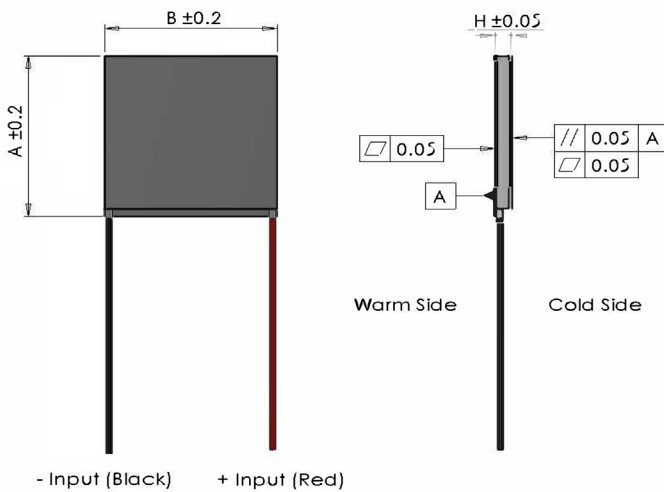
RoHS
Compliant



Electric Characteristics

I_{max}	: 5.1A
V_{max}	: 2.2V DC
$P_c \text{ max}$: 6.8W
ΔT_{max}	: 74°C
Hot Side Temp.	: 150°C Max.
Sealant	: Epoxy
Internal Resistance	: 0.32Ω

Diagram



Dimensions

A	: 15mm
B	: 15mm
H	: 3.65mm

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 $T_h = 90^\circ\text{C}$ for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: PTFE UL1213, 600V, -60 to +200°C

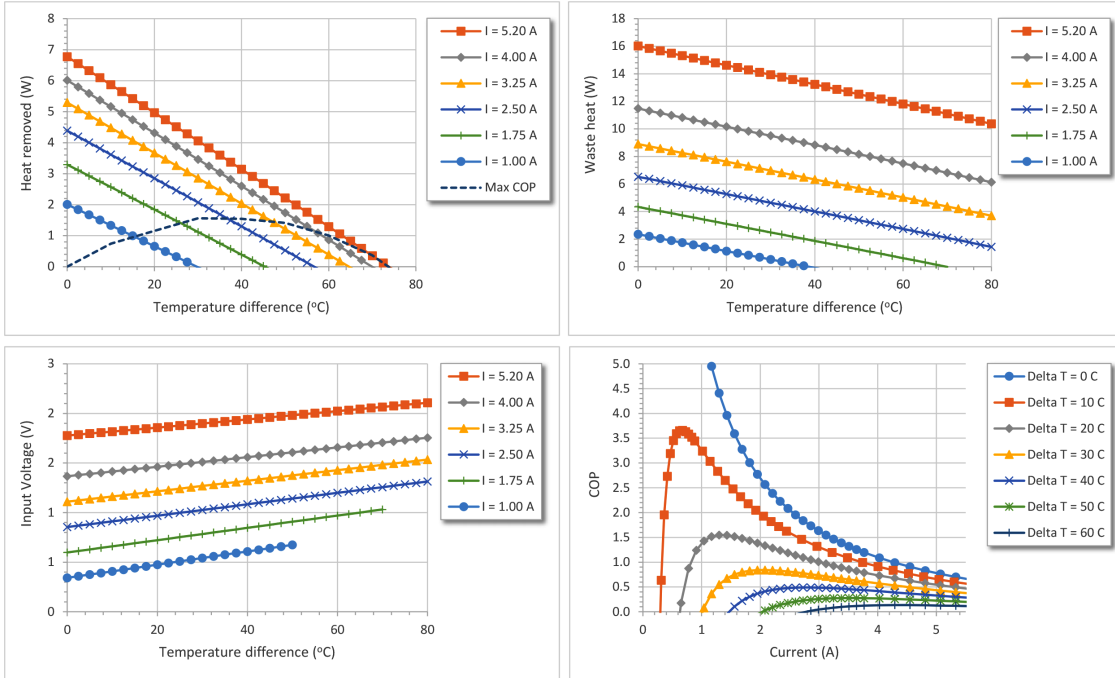
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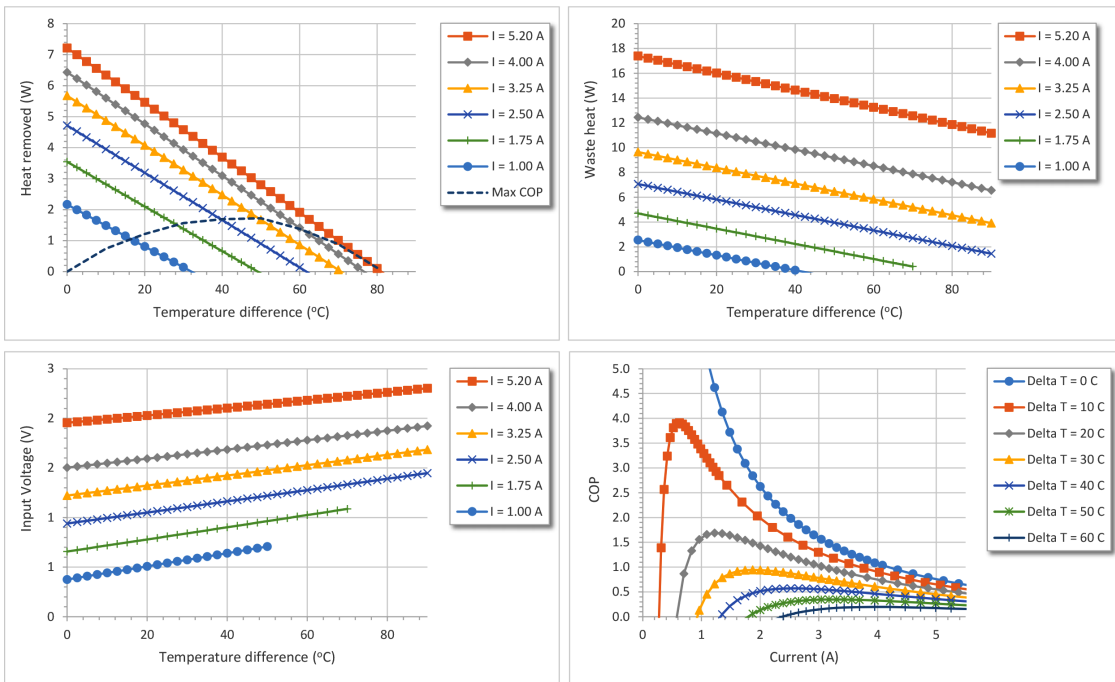
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At hot side temperature 25°C



At hot side temperature 50°C



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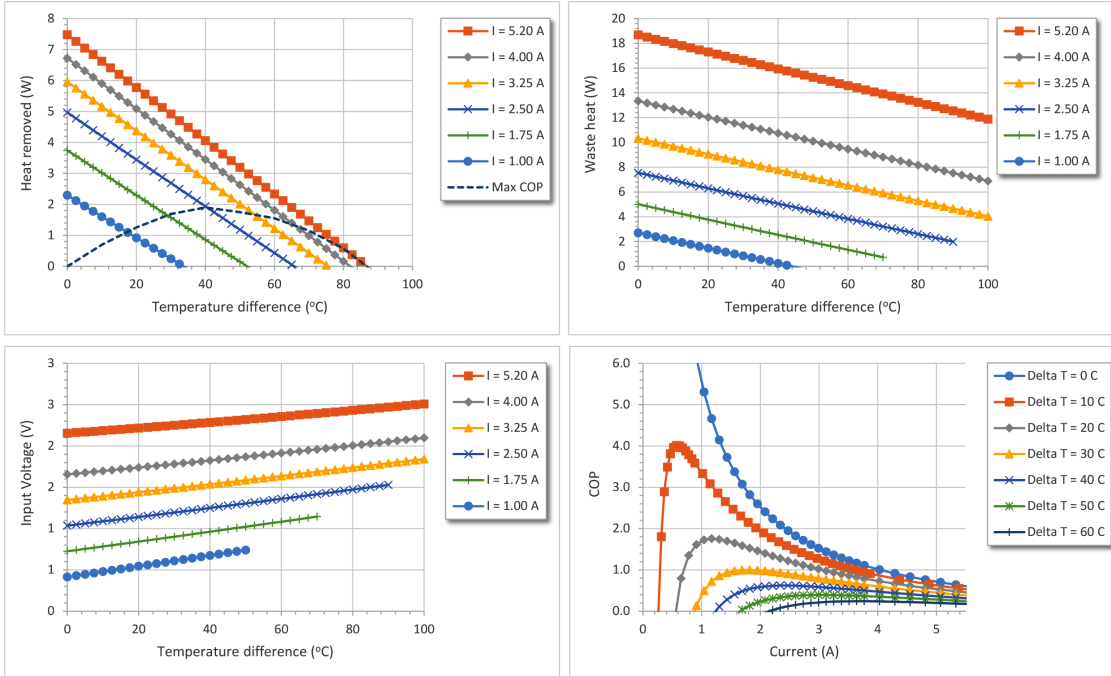


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At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler Module (Thermoelectric Cooler Module), 17 Couples, 2.2V DC, 6.8W, 5.1A, 74°C	MPETH-017-14-18-E-H1

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