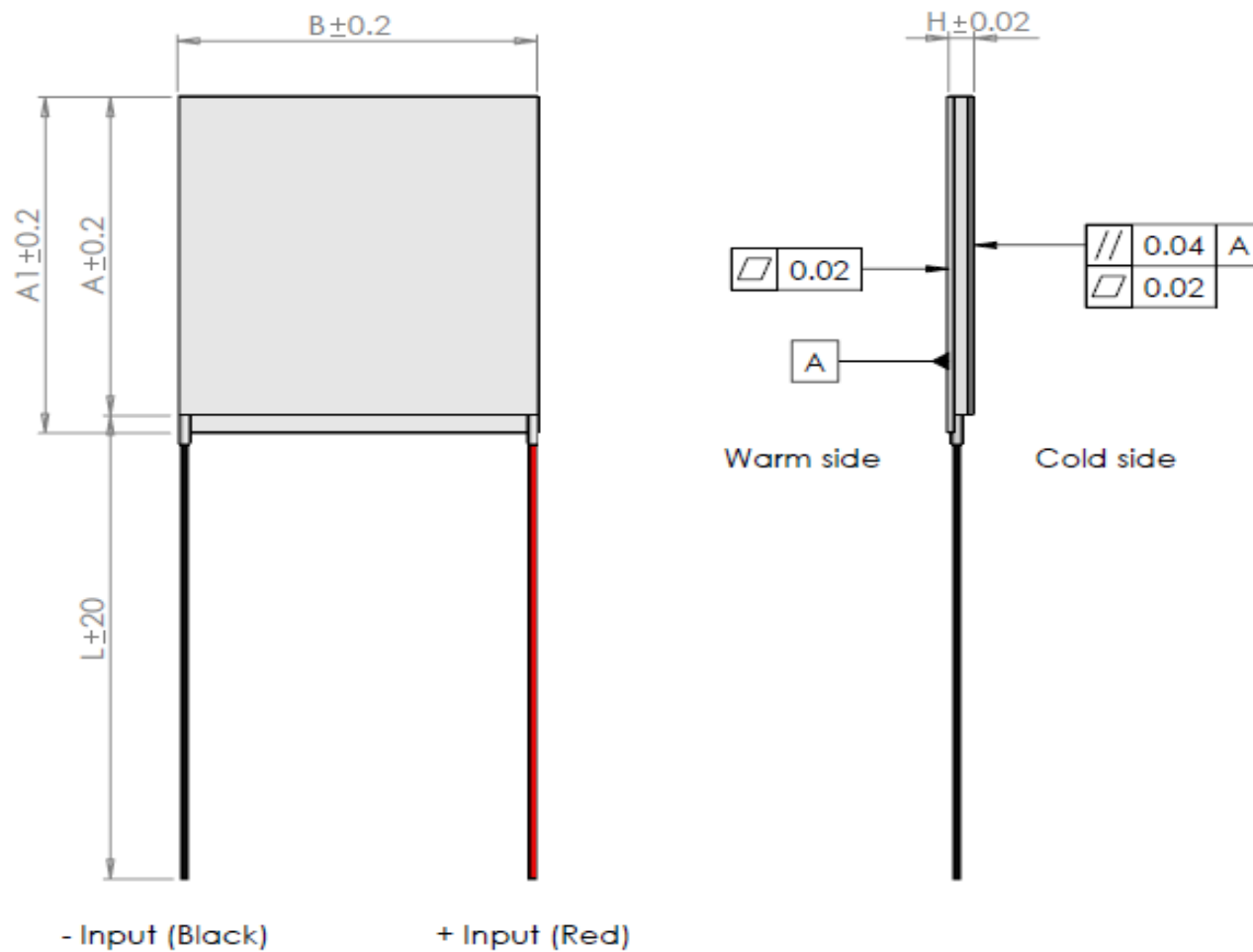


APH-199-14-08-E

Peltier cooler module

Data sheet



| | | |
|-------------------|-------|------|
| I_{max} | [A] | 12.0 |
| V_{max} | [Vdc] | 24.1 |
| $P_c \text{ max}$ | [W] | 165 |
| ΔT_{max} | [°C] | 67 |
| A | [mm] | 40 |
| AI | [mm] | 40 |
| B | [mm] | 40 |
| H | [mm] | 3.5 |
| L | [mm] | 100 |
| Wire | AWG | n/a |

(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 $T_h = 80^\circ\text{C}$ for best long term performance.

Max mounting pressure: 1.5MPa.

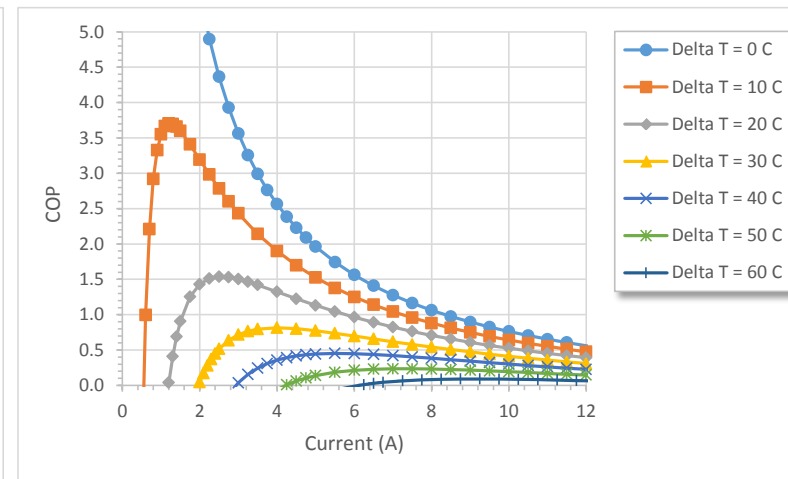
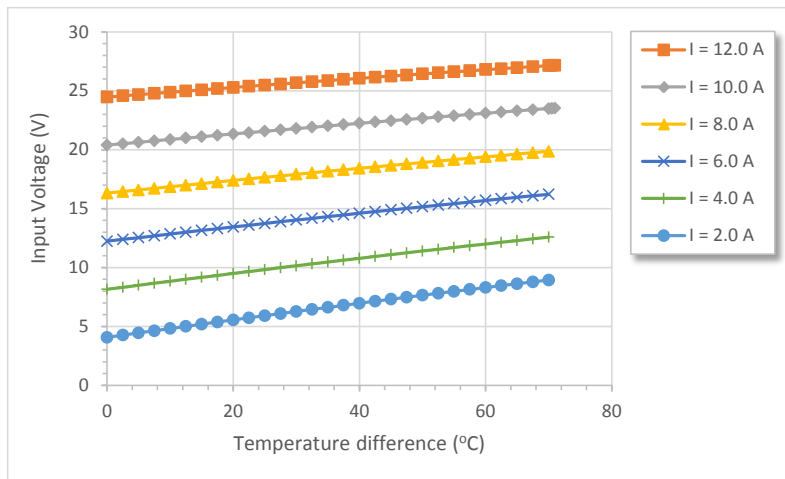
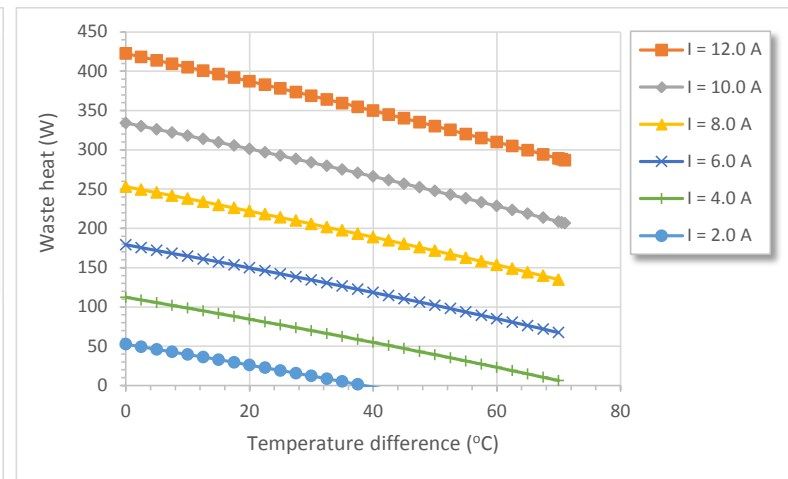
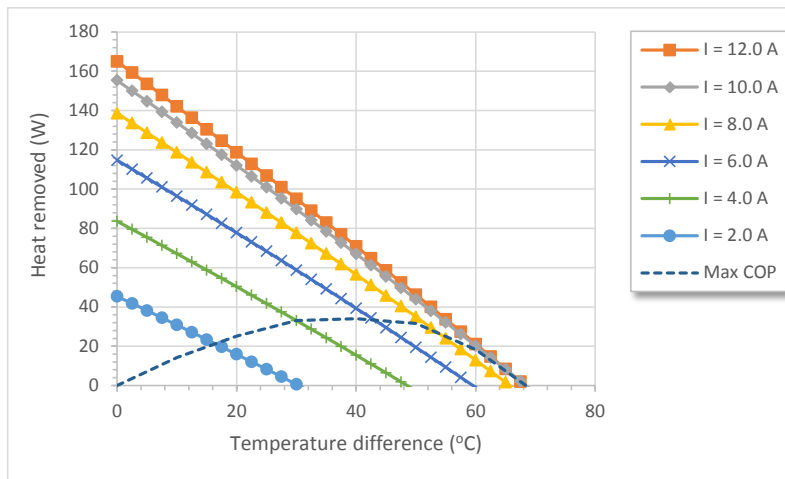
Wires: UL-style 1569, 105oC (Unstripped).



APH-199-14-08-E

Peltier cooler module

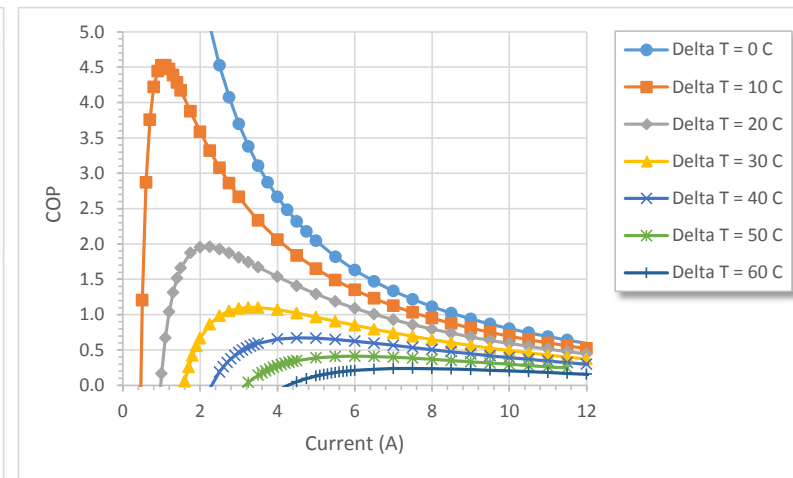
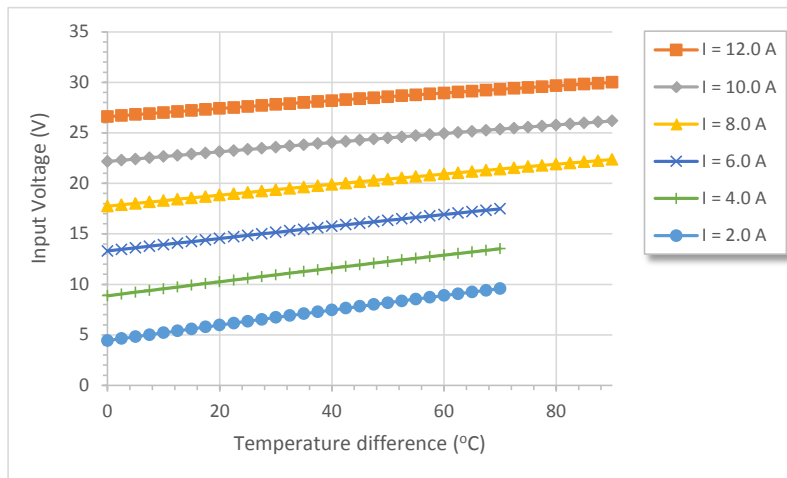
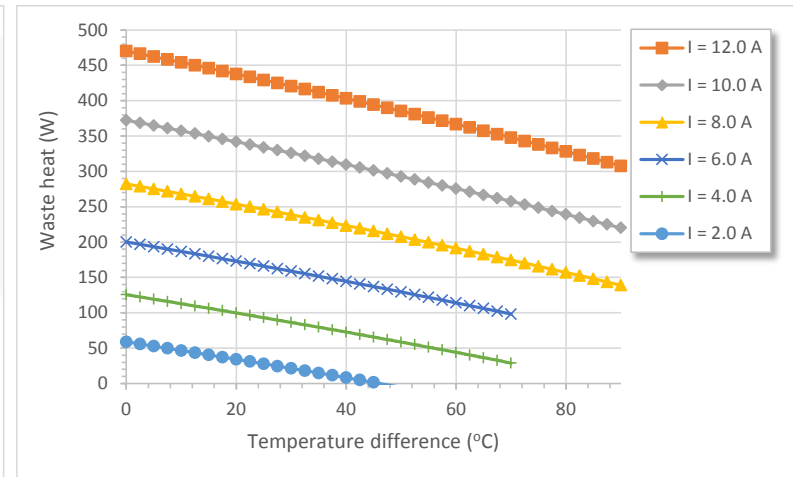
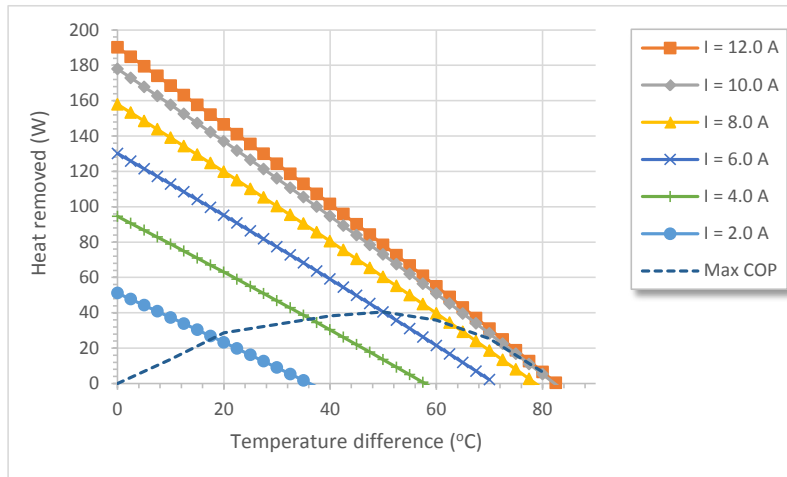
Data sheet - At hot side temperature 25°C



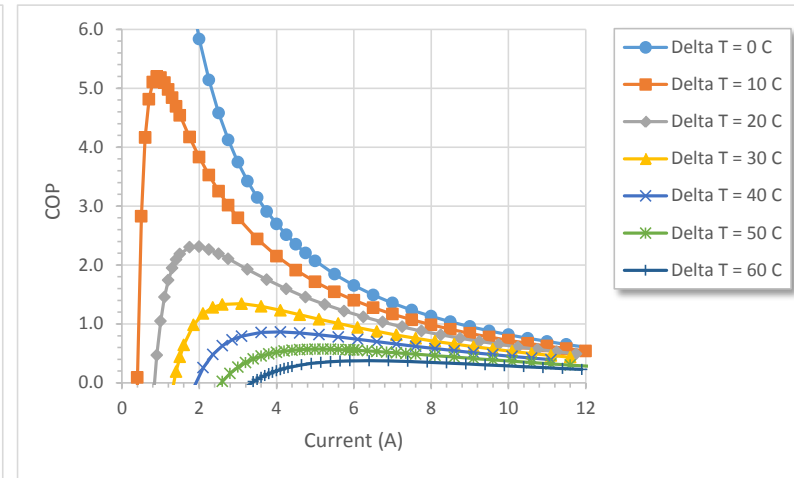
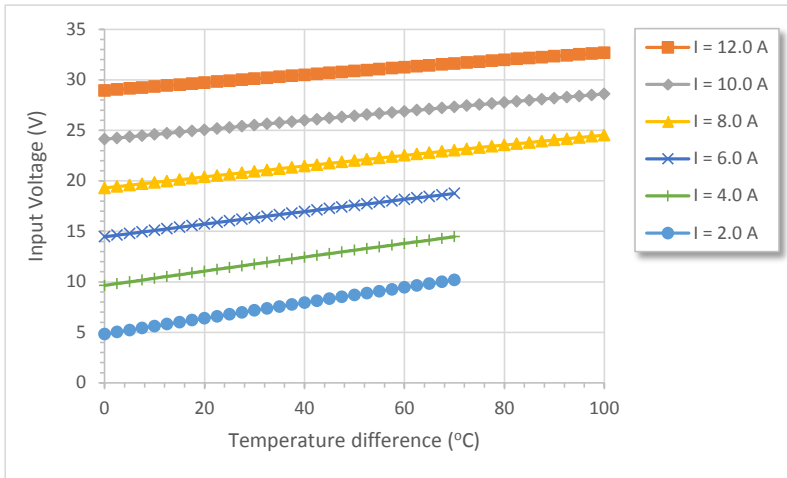
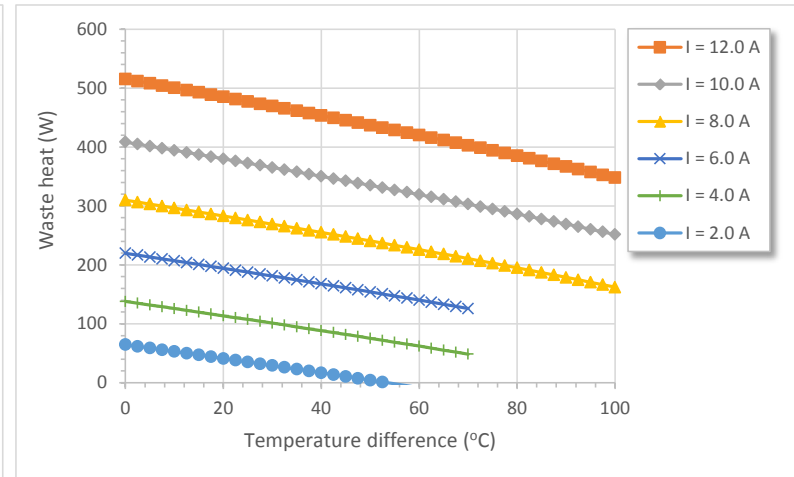
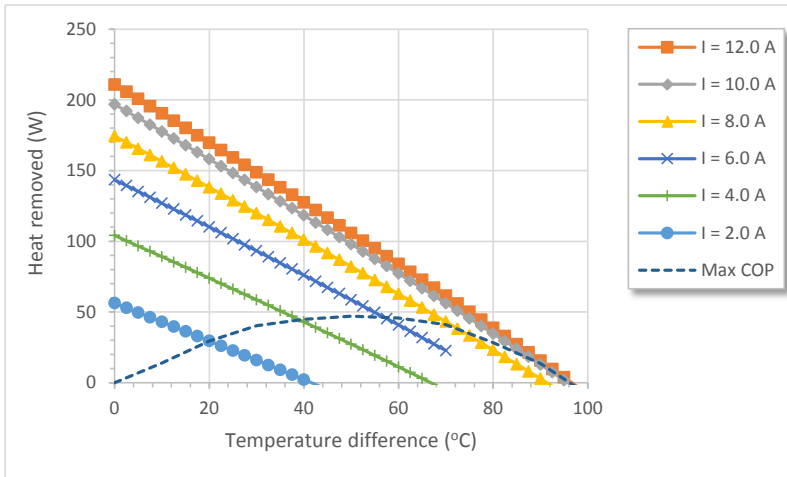
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Peltier cooler module

Data sheet - At hot side temperature 50°C



Data sheet - At hot side temperature 75°C



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