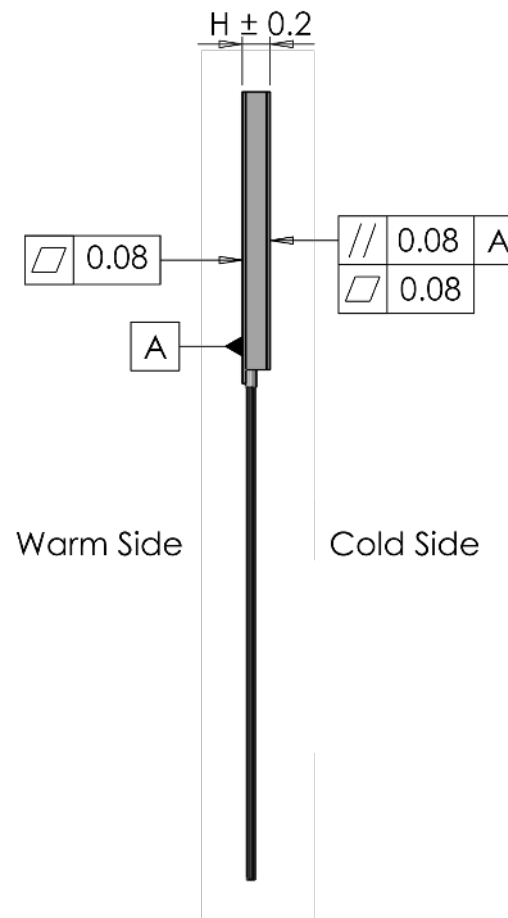
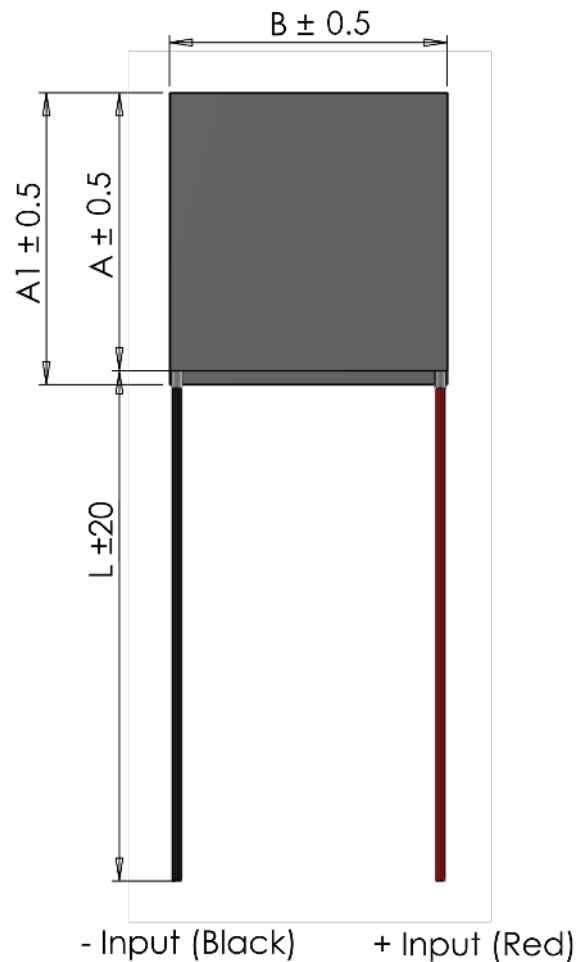


ADV-127-140160-S

Thermoelectric cooler module single stage

Data sheet



| | | |
|--------------------|-------|----------|
| I_{max} | [A] | 6 |
| V_{max} | [Vdc] | 15.4 |
| $P_c \max$ | [W] | 51 |
| ΔT_{max} | [°C] | 65 |
| Max hot side temp. | [°C] | 80 |
| A | [mm] | 40 |
| B | [mm] | 40 |
| H | [mm] | 3.8 |
| L | [mm] | 200 |
| Wire | AWG | 20 |
| Sealant | | Silicone |

(At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2).

$P_c \max$ = 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 given for best long term performance.

Max mounting pressure: 1.5MPa.

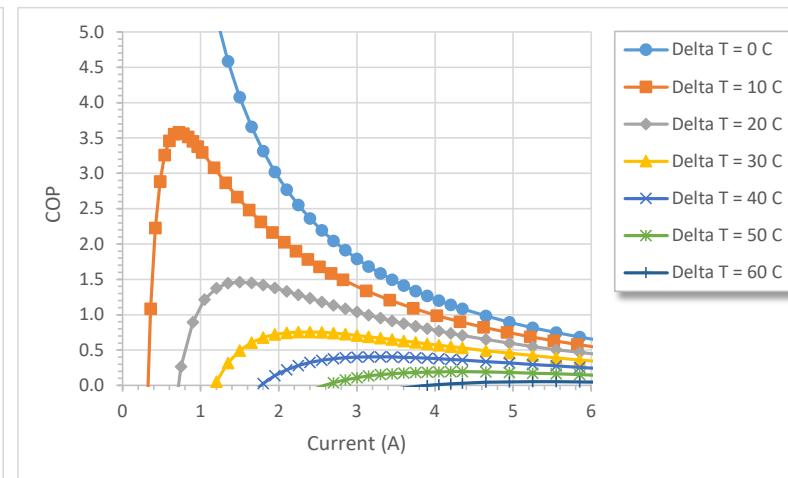
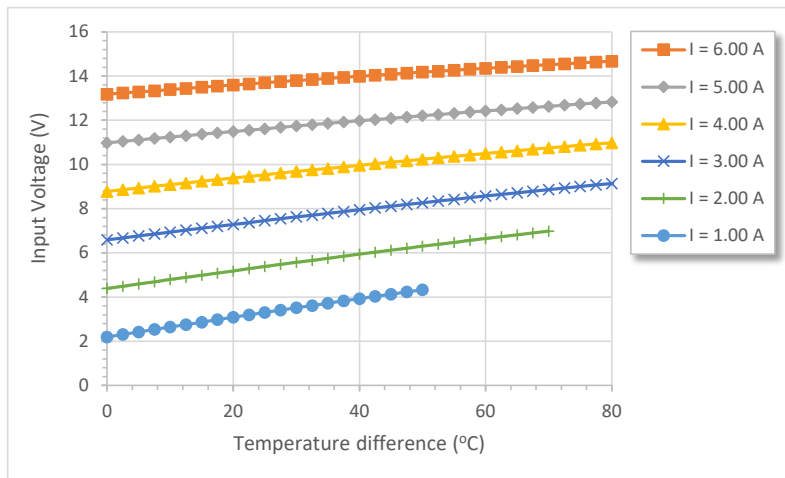
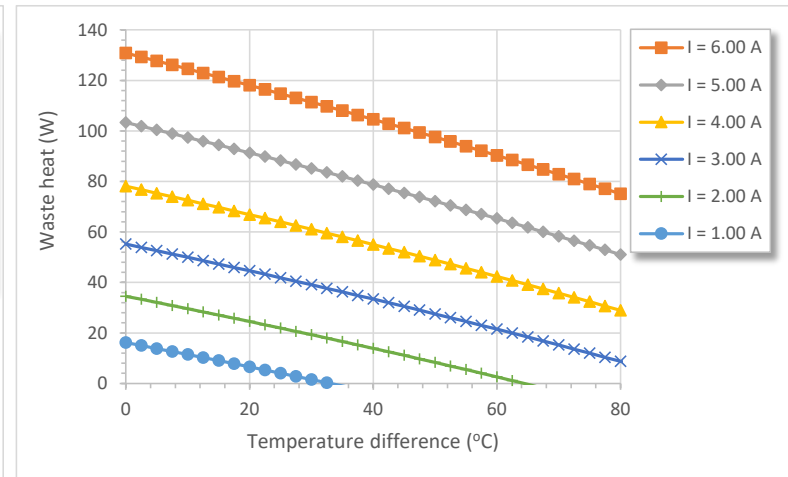
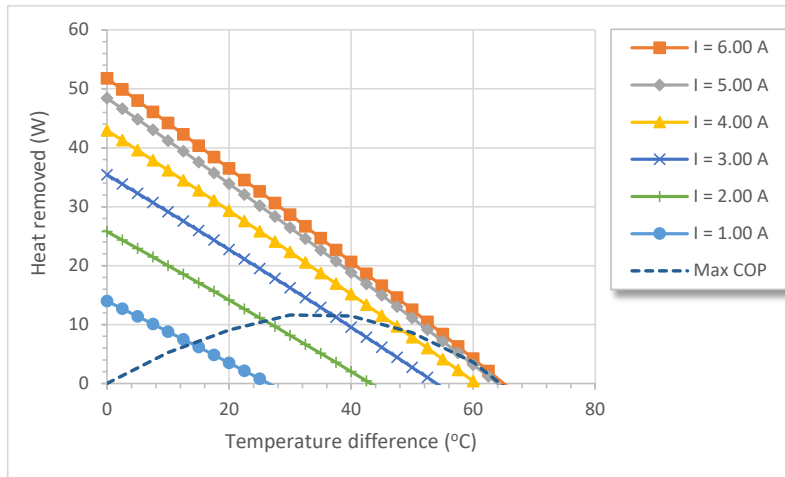
Wires: AWG 20 UL 1694 insulation PVC max. 105°C



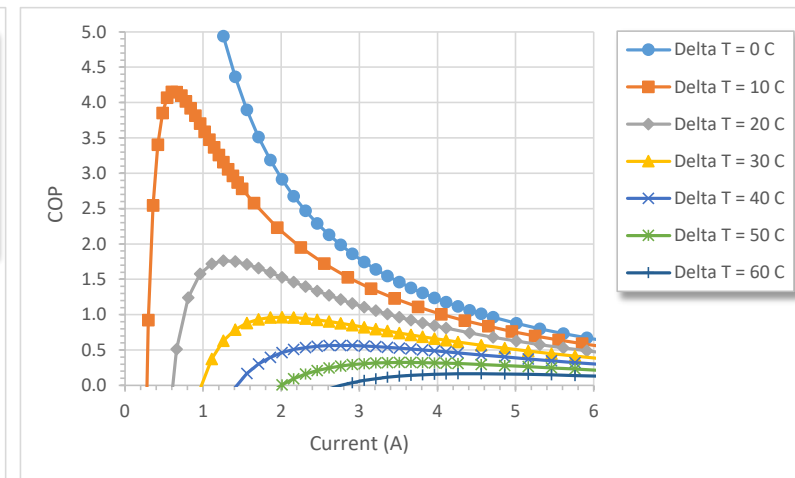
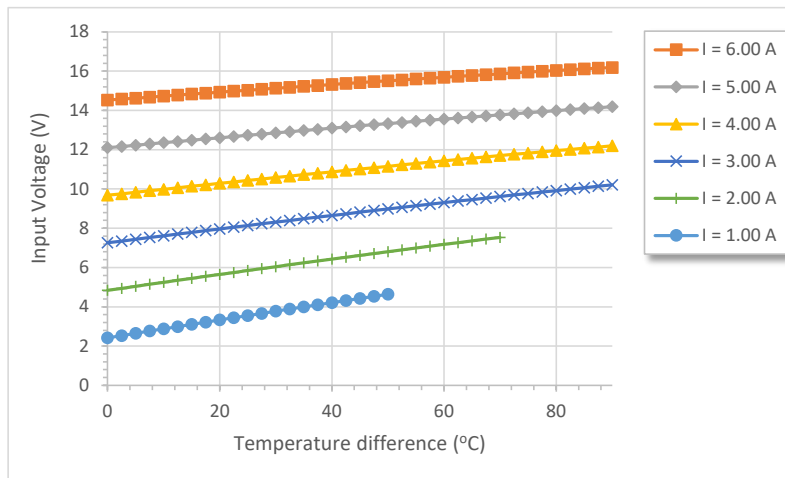
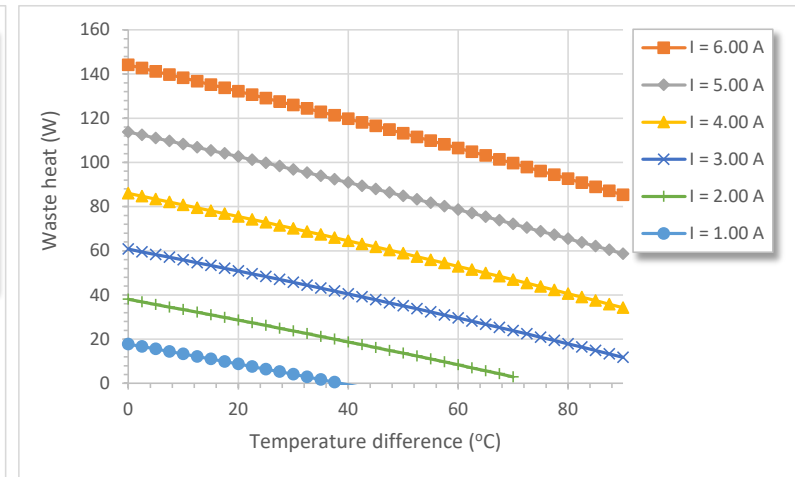
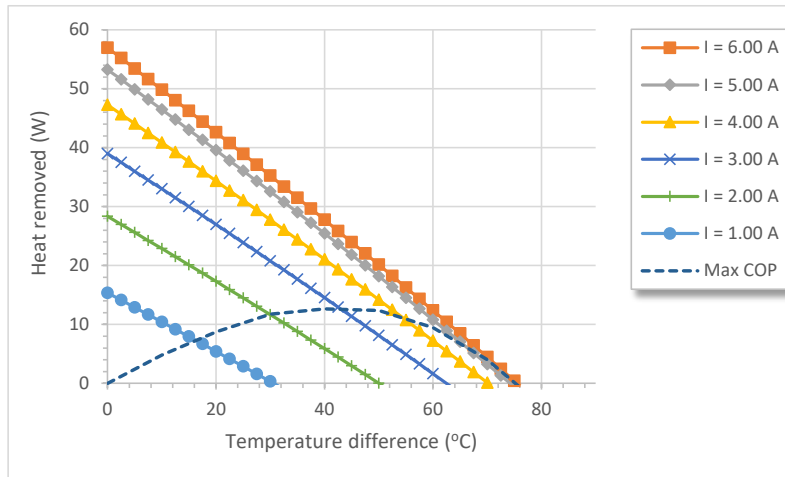
ADV-127-140160-S

Thermoelectric cooler module single stage

Data sheet - At hot side temperature 25°C



Data sheet - At hot side temperature 50°C



Data sheet - At hot side temperature 75°C

