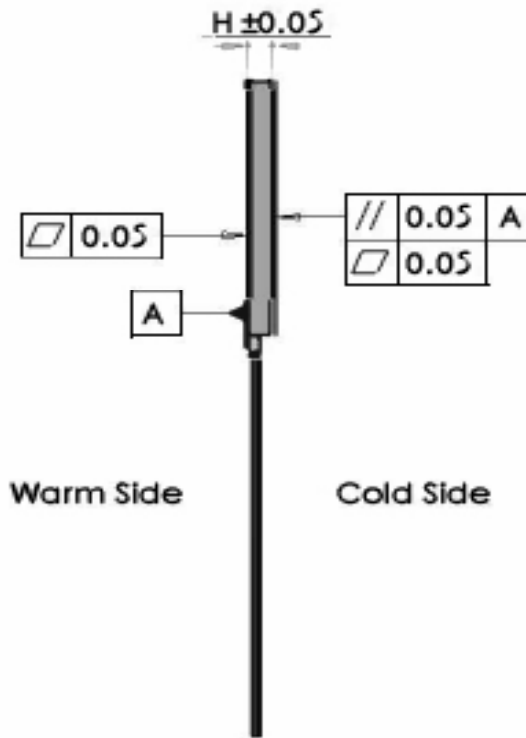
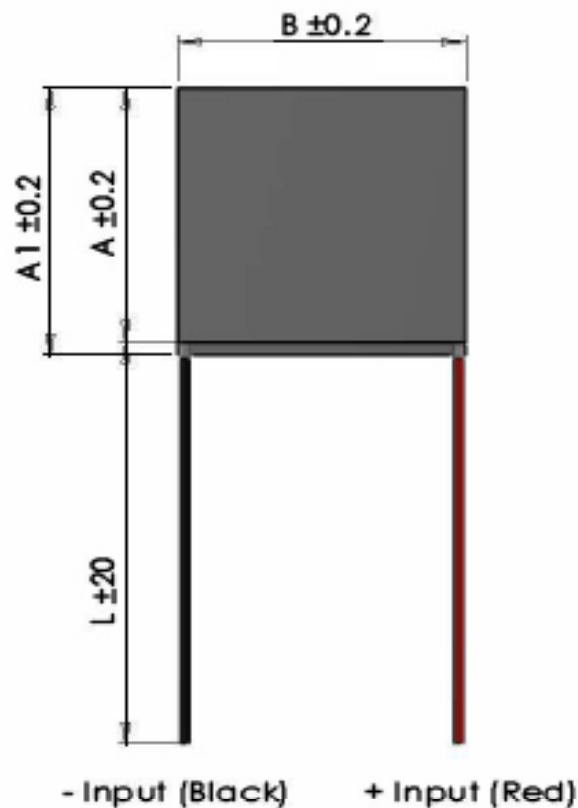


APHC-288-14-06-E-H1

Thermoelectric cooler module, high temperature, cycling

Data sheet

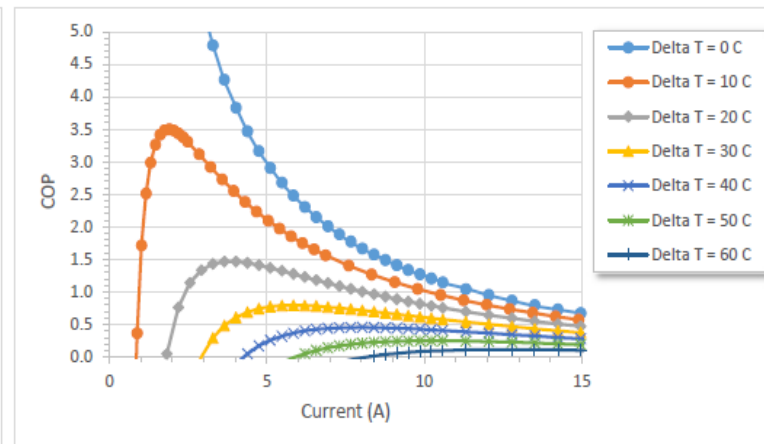
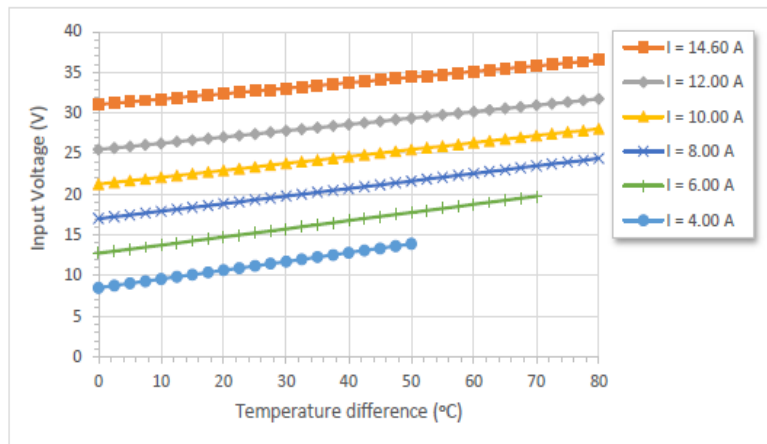
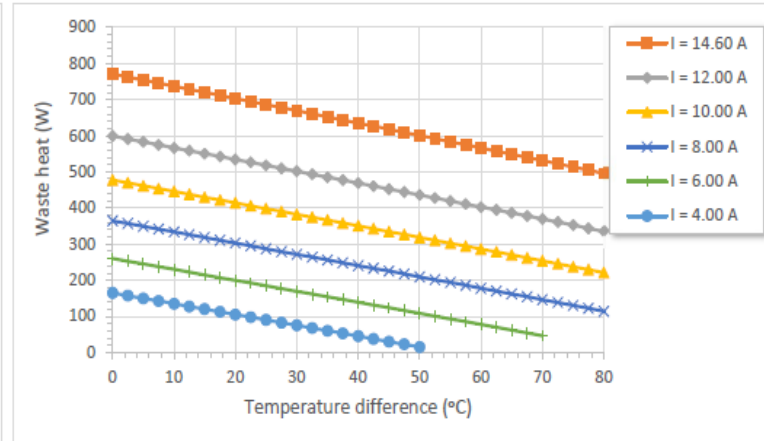
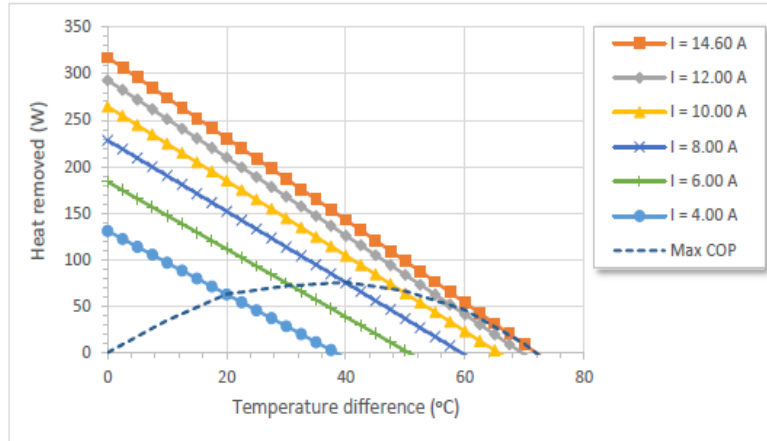


| | | |
|--------------------|-------|-------|
| I_{max} | [A] | 14.6 |
| V_{max} | [Vdc] | 37.1 |
| $P_c \text{ max}$ | [W] | 320.0 |
| ΔT_{max} | [°C] | 72 |
| Max hot side temp. | [°C] | 150 |
| A | [mm] | 50 |
| A1 | [mm] | 52 |
| B | [mm] | 50 |
| H | [mm] | 3.2 |

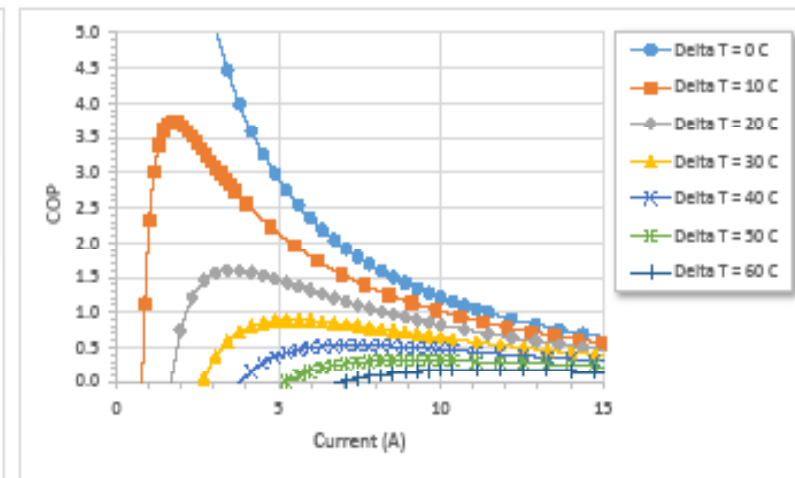
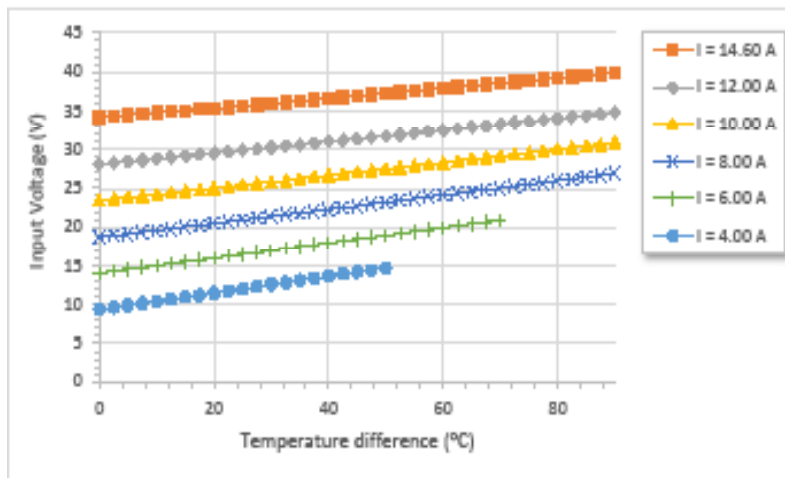
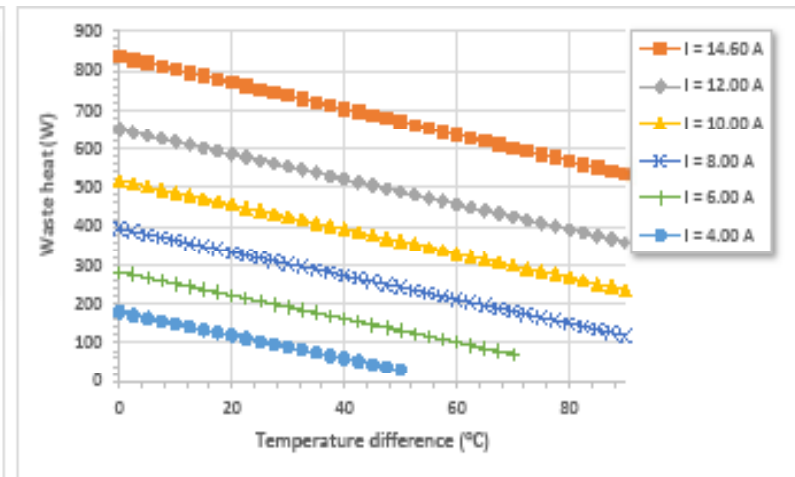
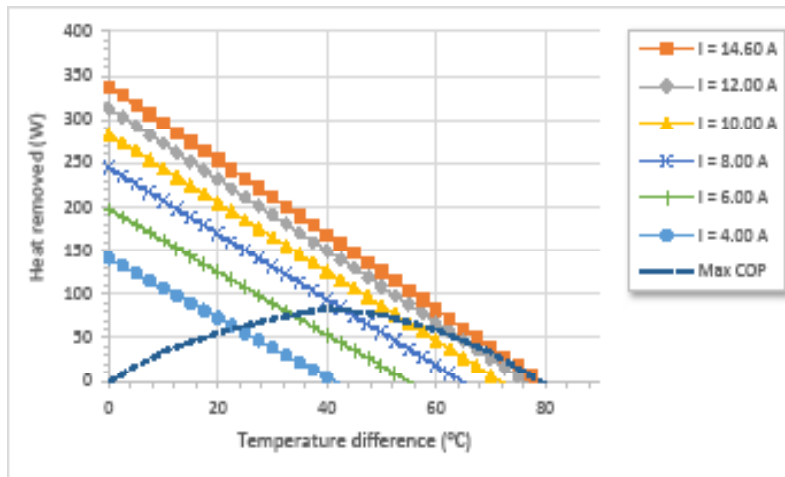
(At hot side temp $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2).
 $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$.
 ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$.
 Max hot side temp for best long term performance.
 Max mounting pressure: 1.5MPa.
 Wires: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



Data sheet - At hot side temperature 25°C



Data sheet - At hot side temperature 50°C



Data sheet - At hot side temperature 75°C

