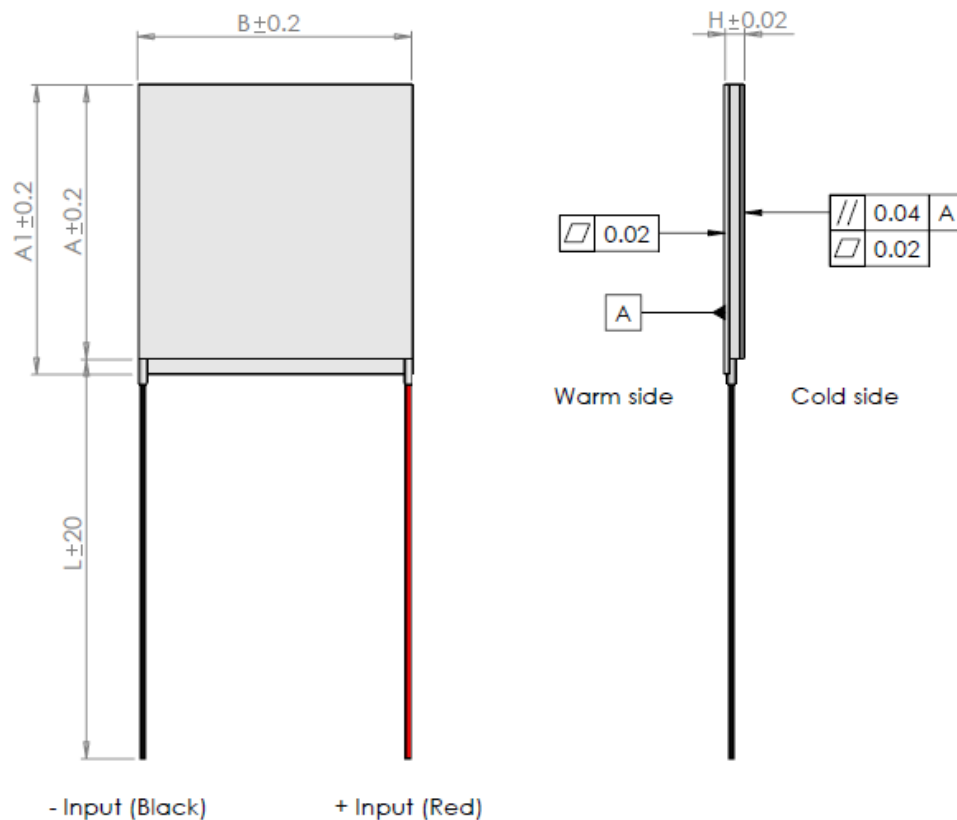


ETC-128-14-06-E

Peltier cooler module

Data sheet



| | | |
|-------------------|-------|------|
| I_{max} | [A] | 15.4 |
| V_{max} | [Vdc] | 15.8 |
| $P_c \text{ max}$ | [W] | 149 |
| ΔT_{max} | [°C] | 68 |
| A | [mm] | 40 |
| A1 | [mm] | 44 |
| B | [mm] | 40 |
| H | [mm] | 3.3 |
| L | [mm] | 100 |
| Wire | AWG | n/a |

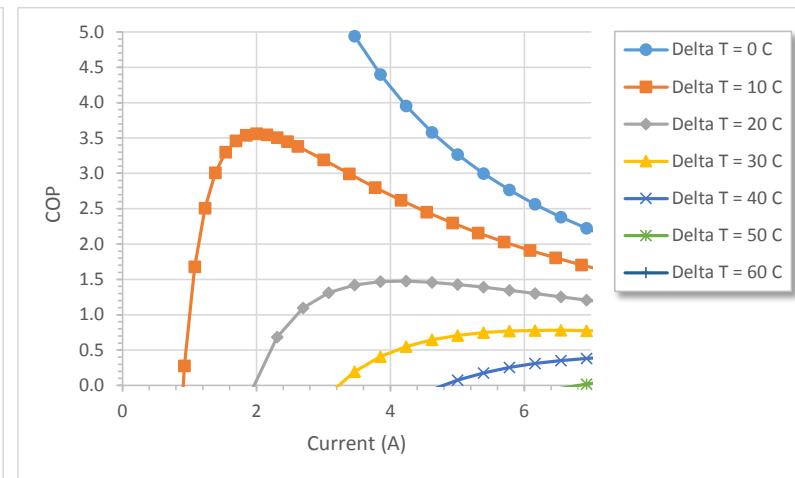
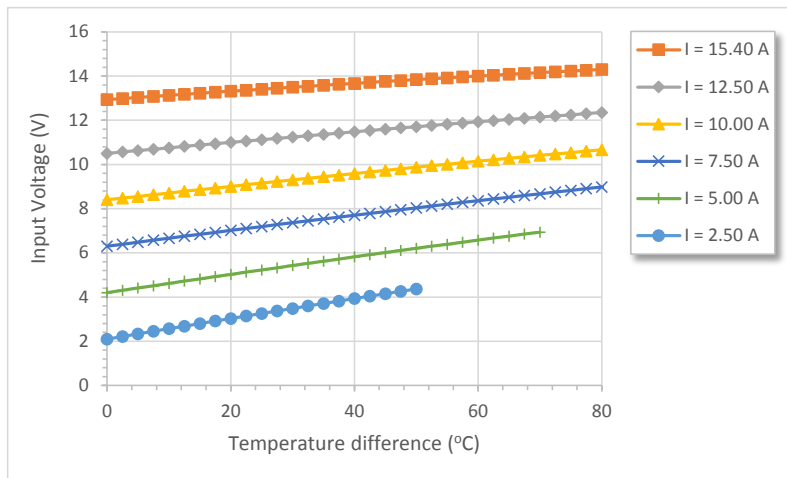
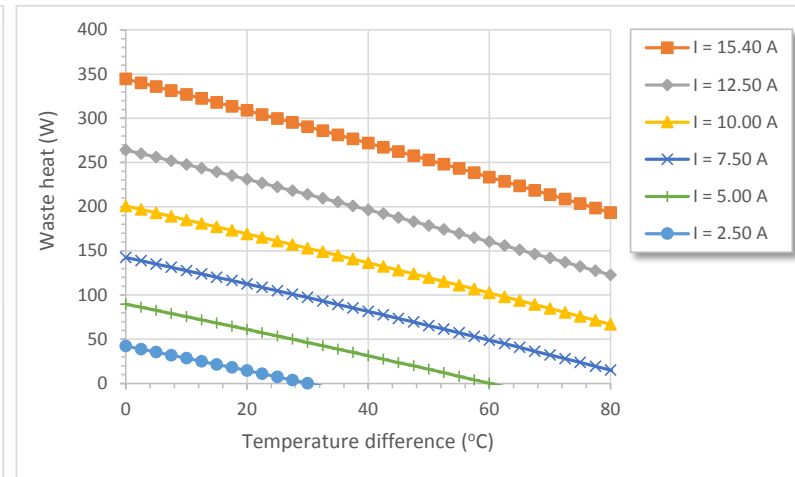
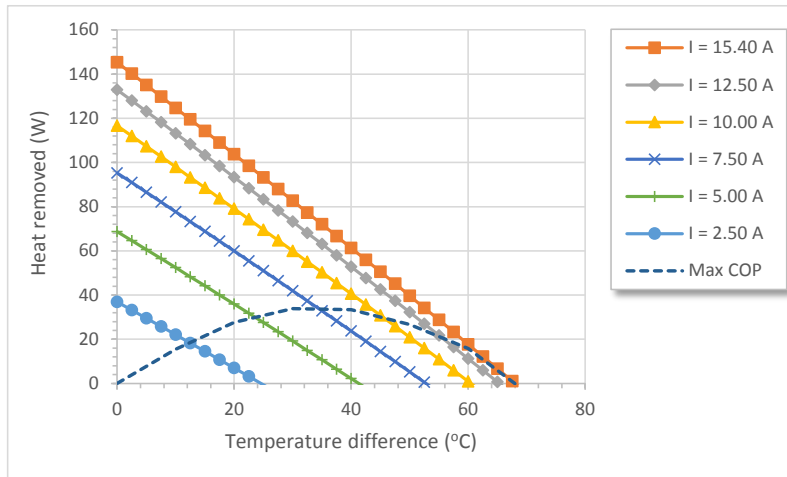
- Optimised for long operation under cycling conditions
- Epoxy sealed
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature $T_h = 90^\circ\text{C}$ for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: UL-style 1569, 105°C (Unstripped)



ETC-I28-I4-06-E

Peltier cooler module

Data sheet - At hot side temperature 25°C



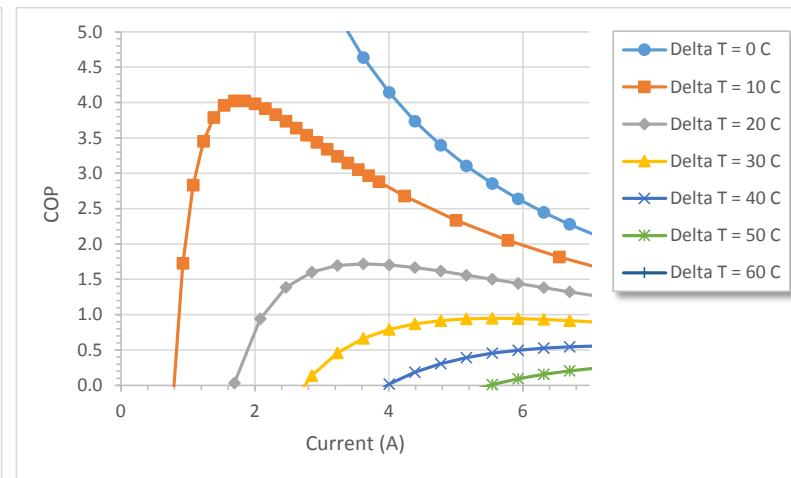
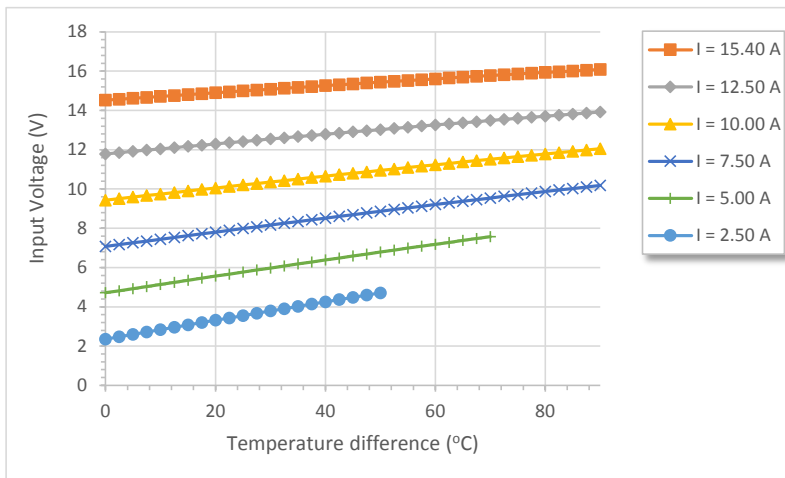
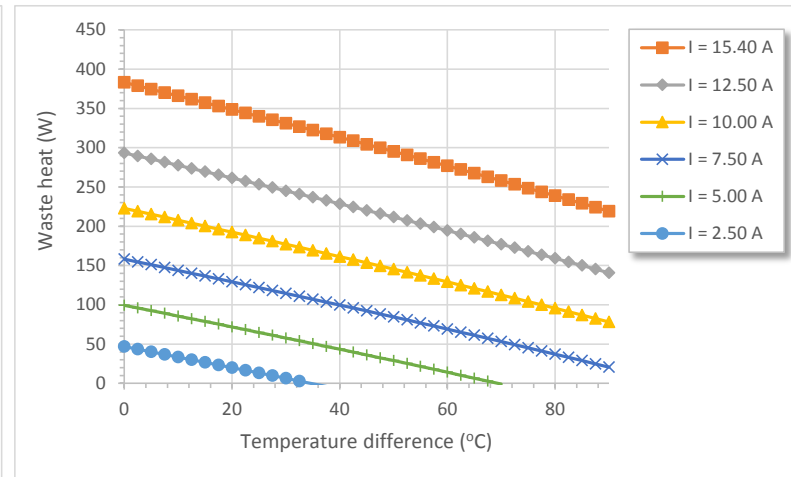
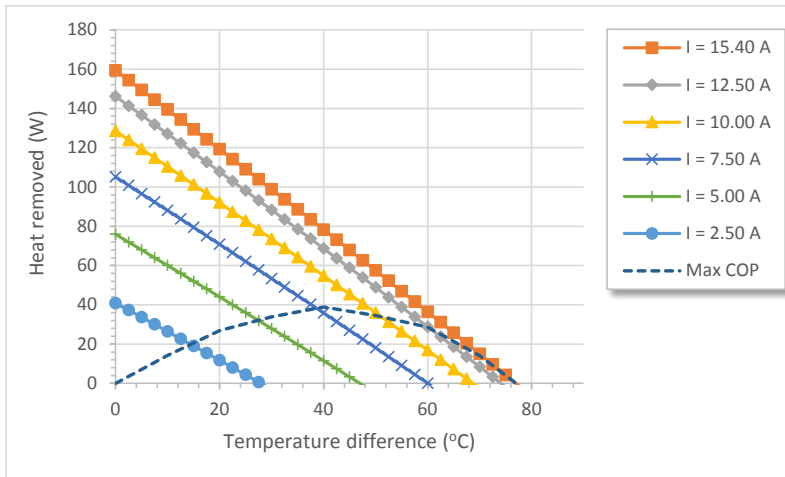
*Note - Waste heat = Heat out of hot side



ETC-I28-I4-06-E

Peltier cooler module

Data sheet - At hot side temperature 50°C



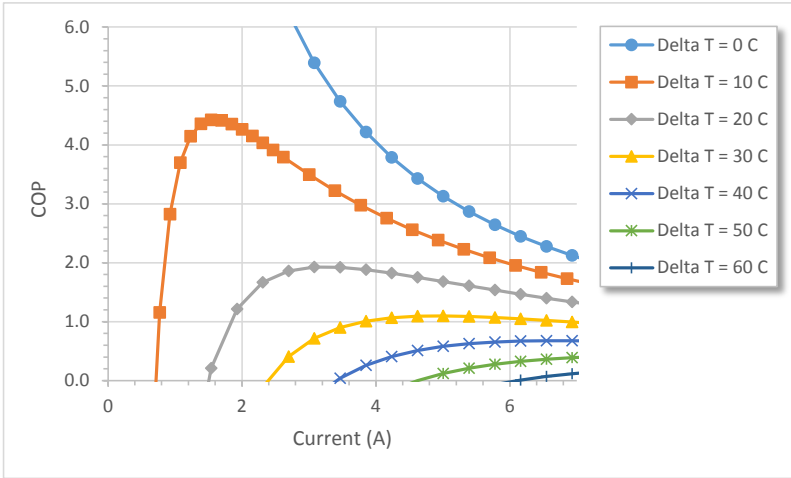
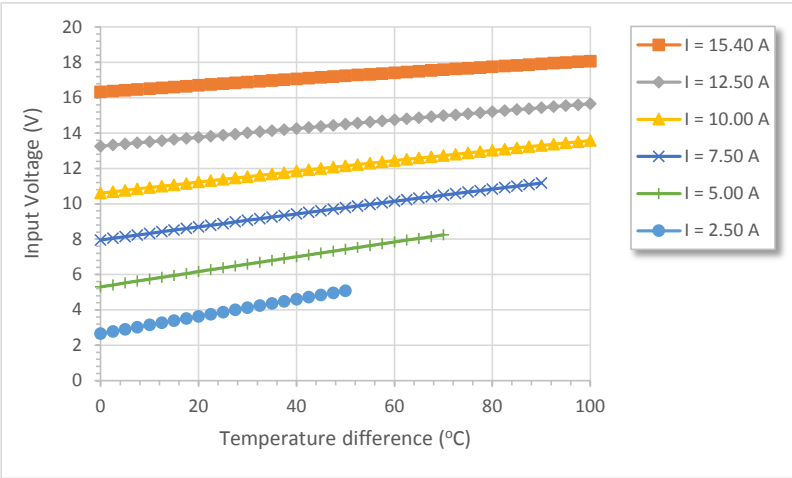
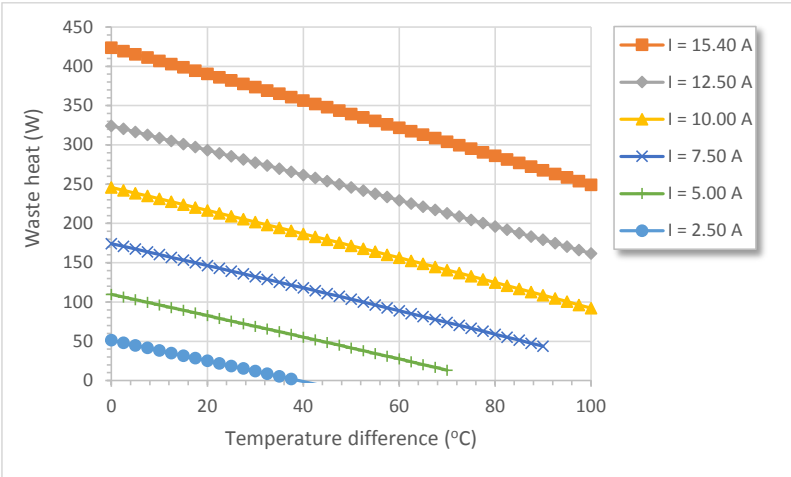
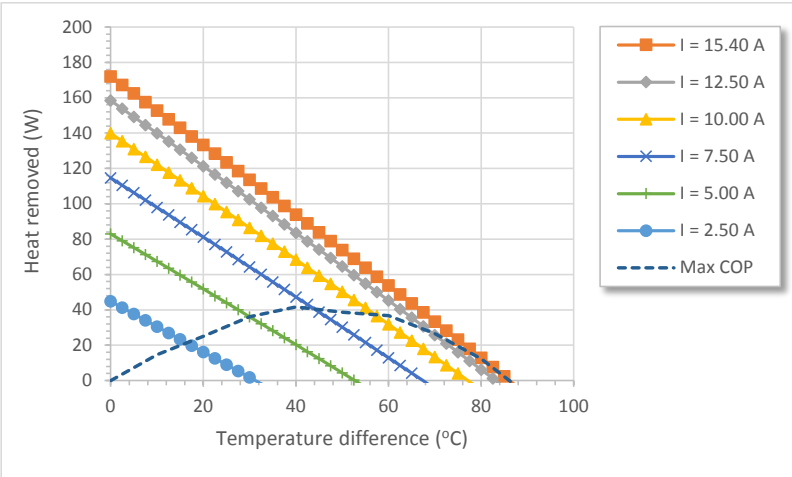
*Note - Waste heat = Heat out of hot side



ETC-I28-I4-06-E

Peltier cooler module

Data sheet - At hot side temperature 75°C



*Note - Waste heat = Heat out of hot side

