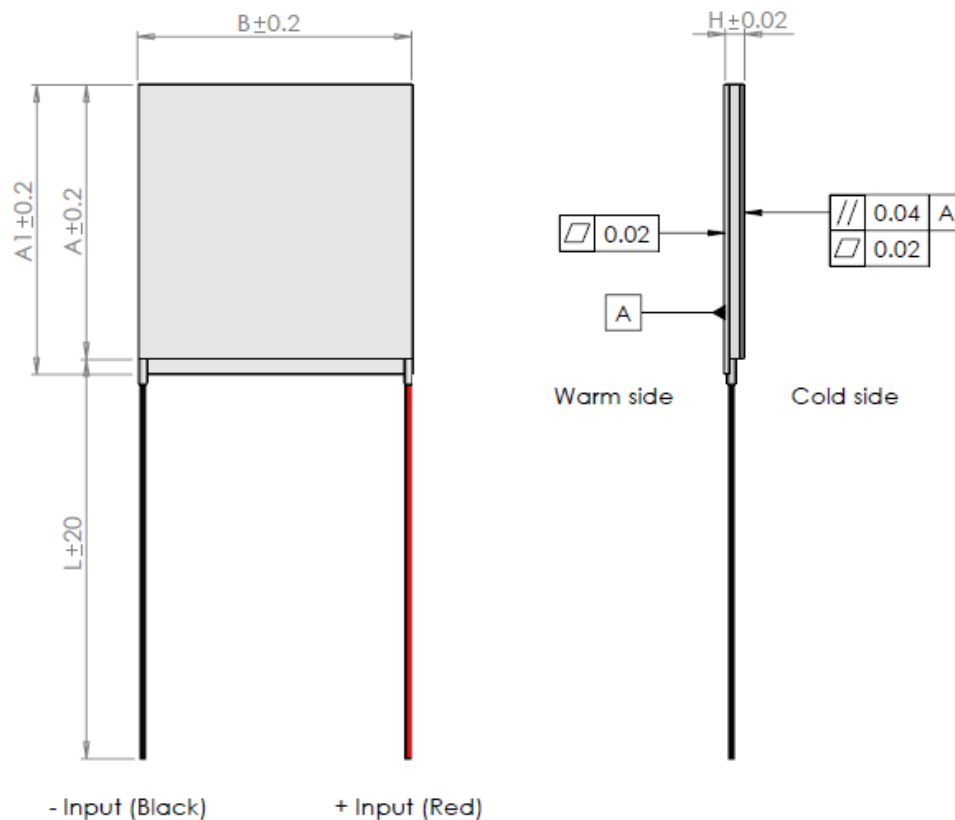


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Peltier cooler module

Data sheet



I_{max}	[A]	8.5
V_{max}	[Vdc]	35.8
$P_c \text{ max}$	[W]	182.6
ΔT_{max}	[°C]	71
A	[mm]	52
A1	[mm]	56
B	[mm]	52
H	[mm]	3.8
L	[mm]	100
Wire	AWG	n/a

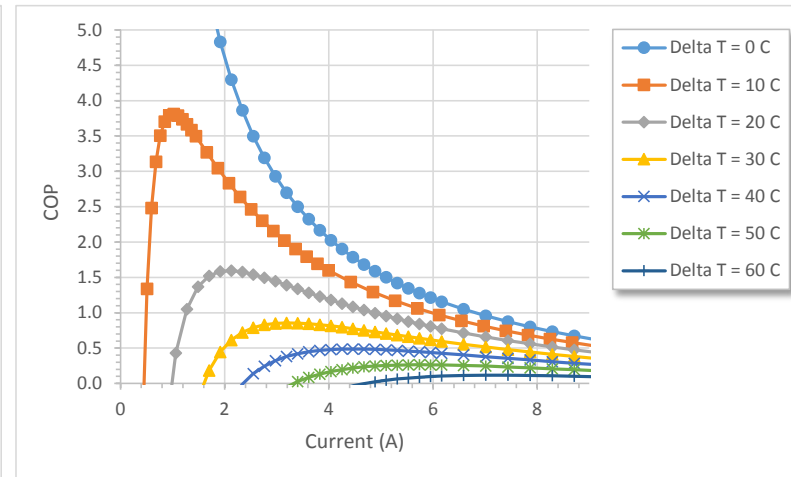
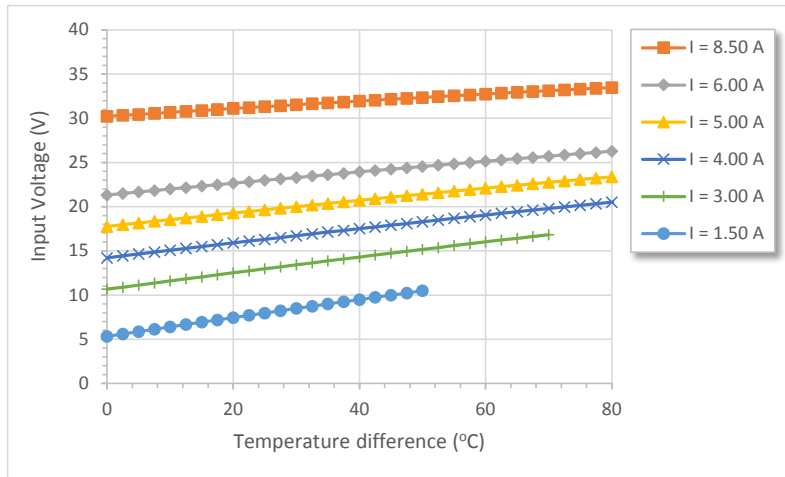
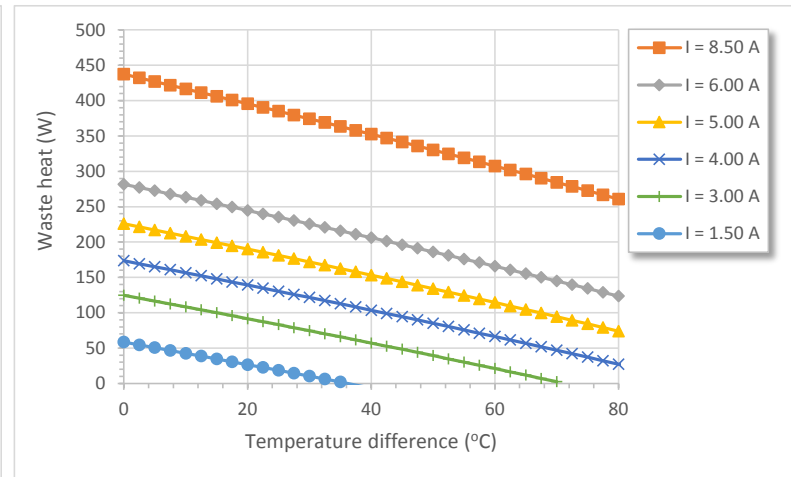
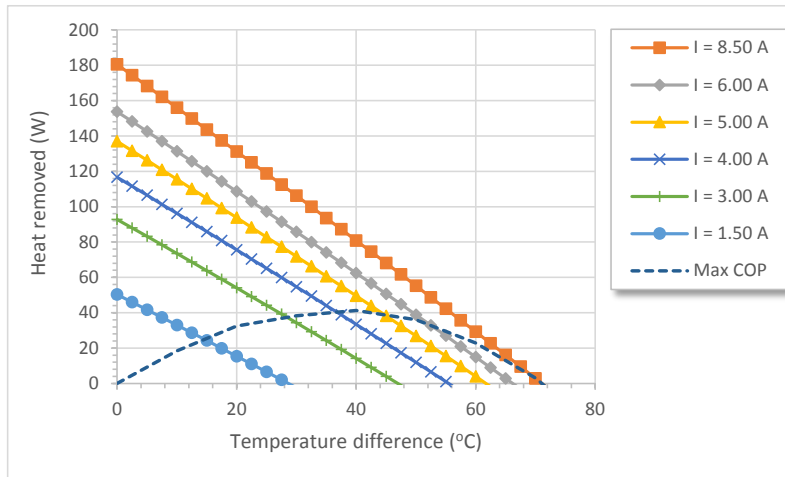
- Optimised for long operation under cycling conditions
- Epoxy sealed
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot 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)



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Peltier cooler module

Data sheet - At hot side temperature 25°C



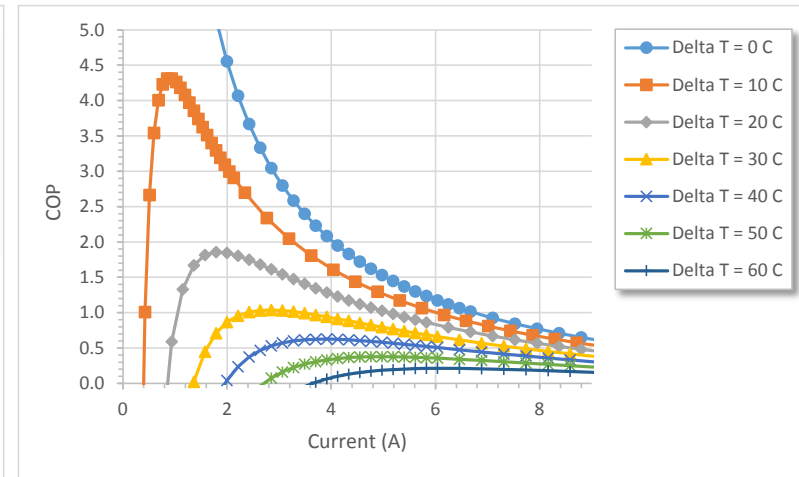
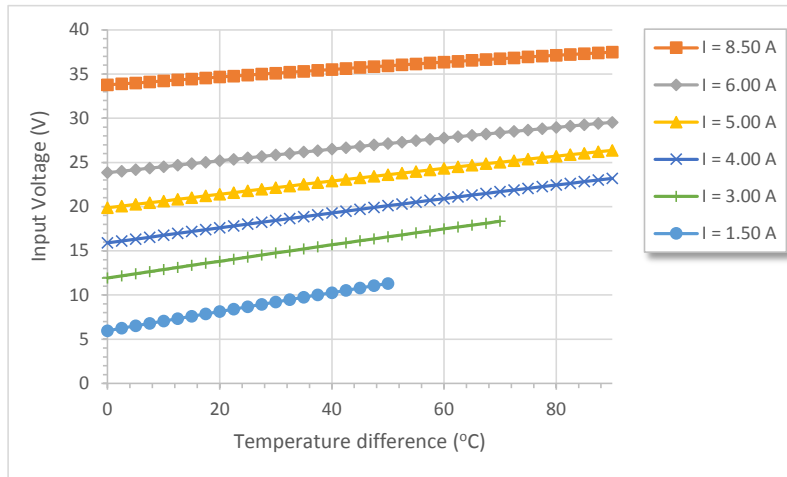
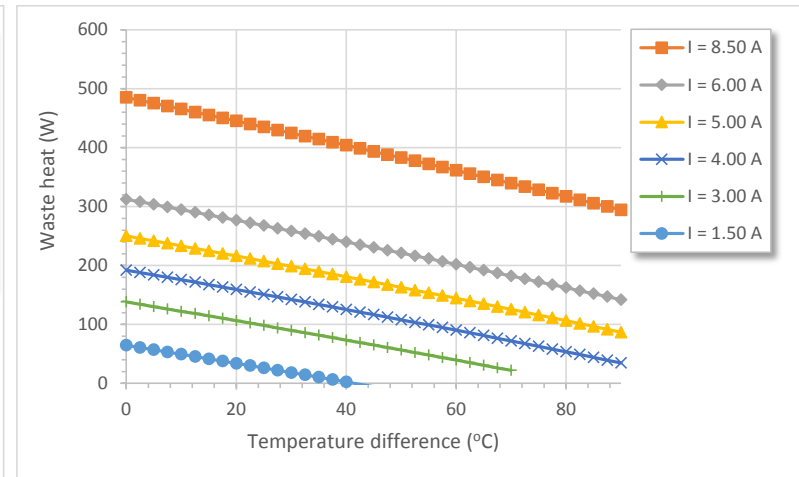
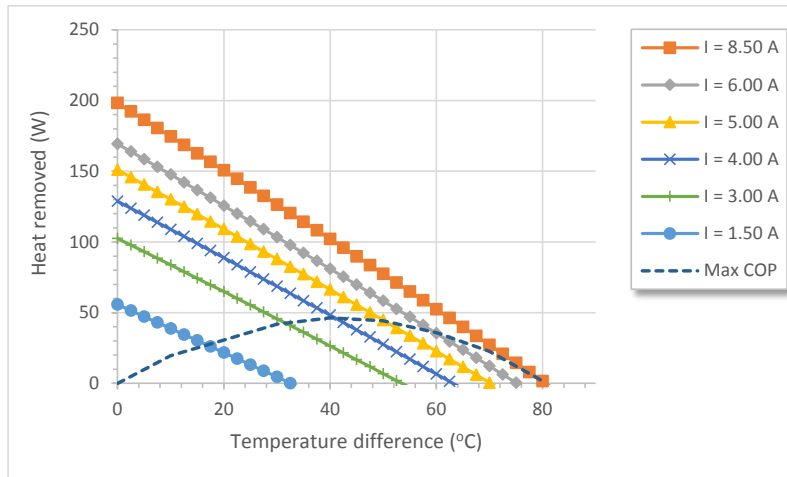
*Note - Waste heat = Heat out of hot side



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Peltier cooler module

Data sheet - At hot side temperature 50°C



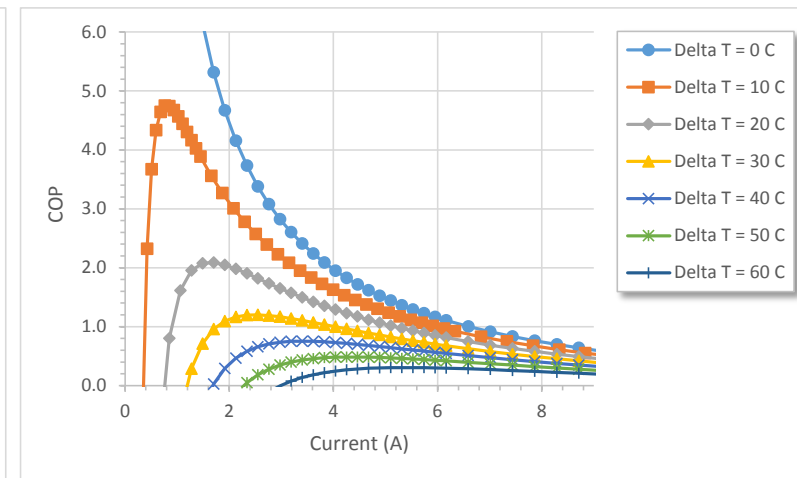
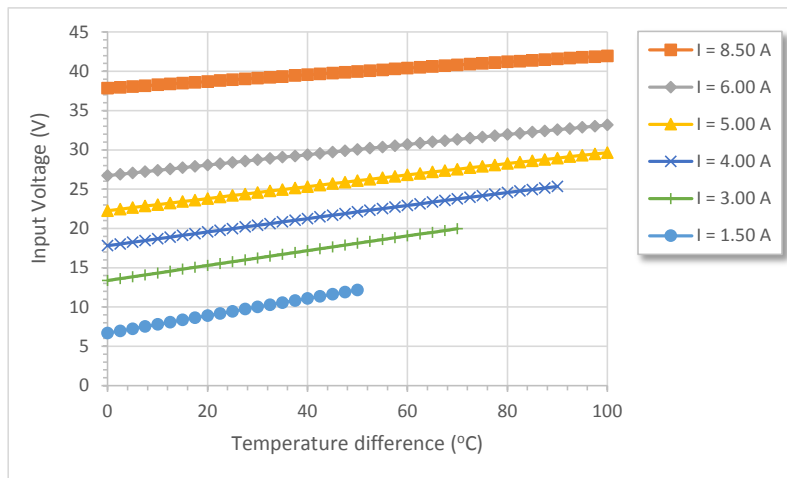
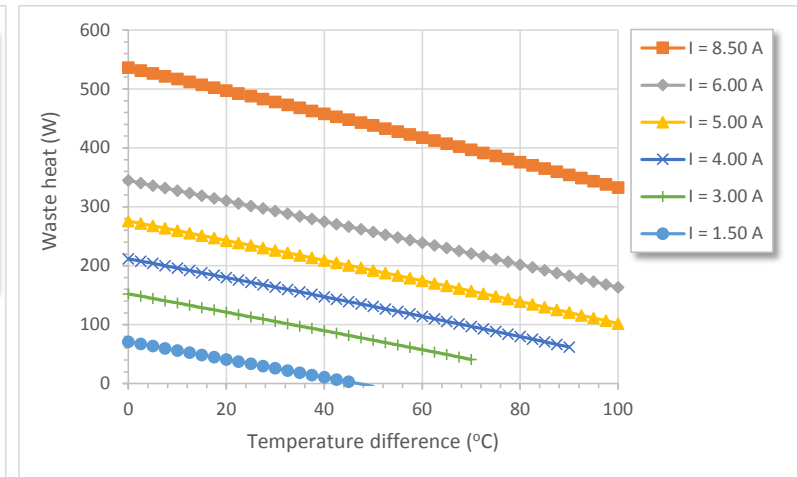
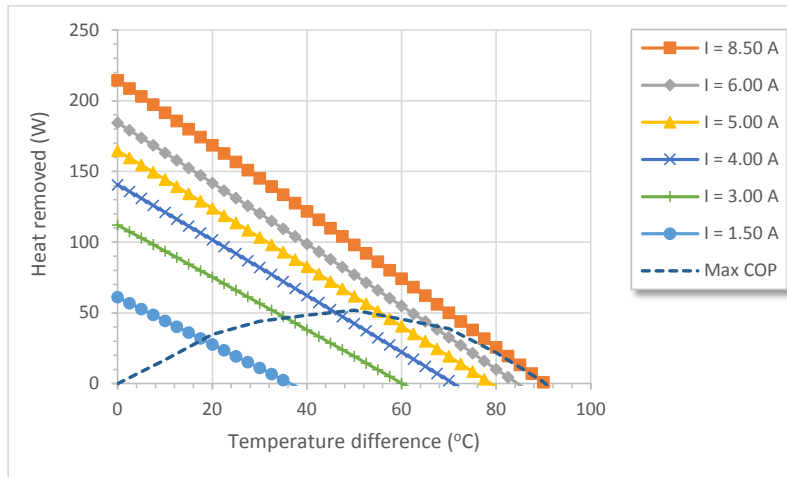
*Note - Waste heat = Heat out of hot side



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Peltier cooler module

Data sheet - At hot side temperature 75°C



*Note - Waste heat = Heat out of hot side

