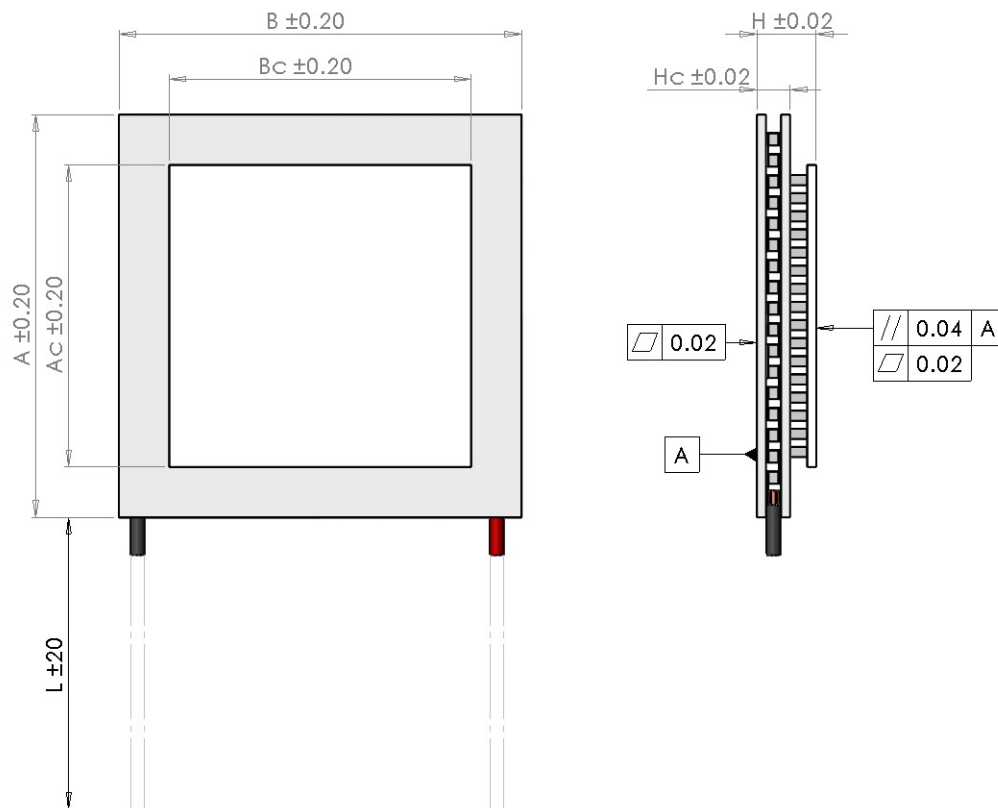


ET-190-1010-1212

Peltier cooler module

Data sheet



I_{max}	[A]	2.8
V_{max}	[Vdc]	15.7
$P_c \text{ max}$	[W]	16.4
ΔT_{max}	[°C]	85
A	[mm]	30
A_c	[mm]	30
B	[mm]	30
B_c	[mm]	30
H	[mm]	6.5
L	[mm]	100
Wire	AWG	n/a

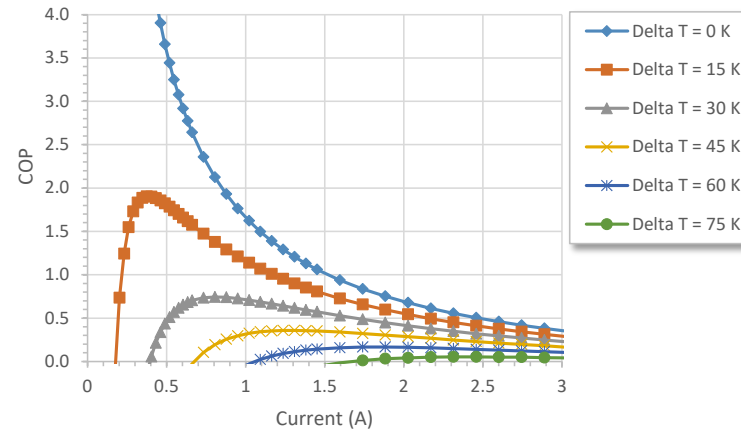
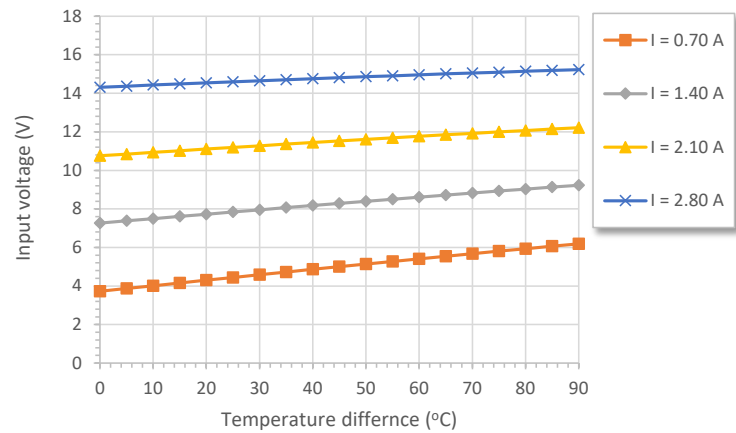
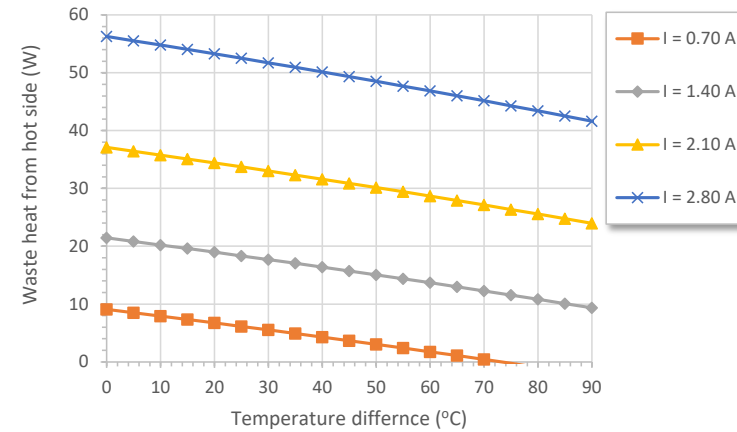
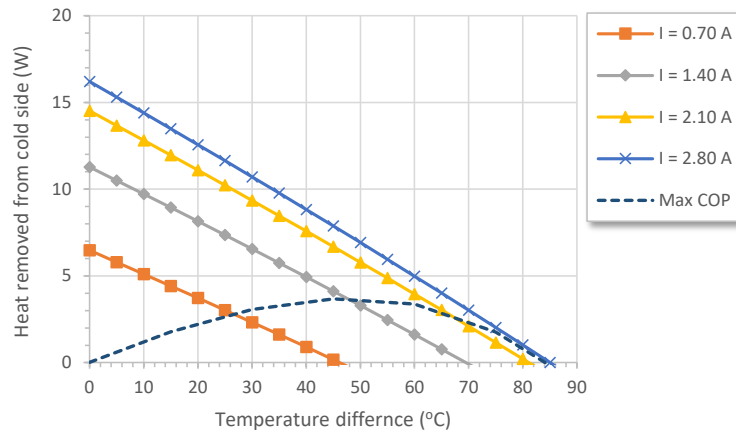
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature $T_h = 90^\circ\text{C}$ for best long term performance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



ET-190-1010-1212

Peltier cooler module

Data sheet - At hot side temperature 27°C



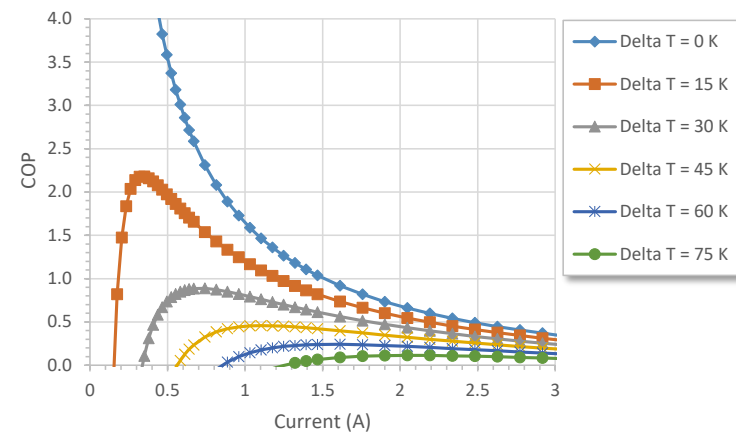
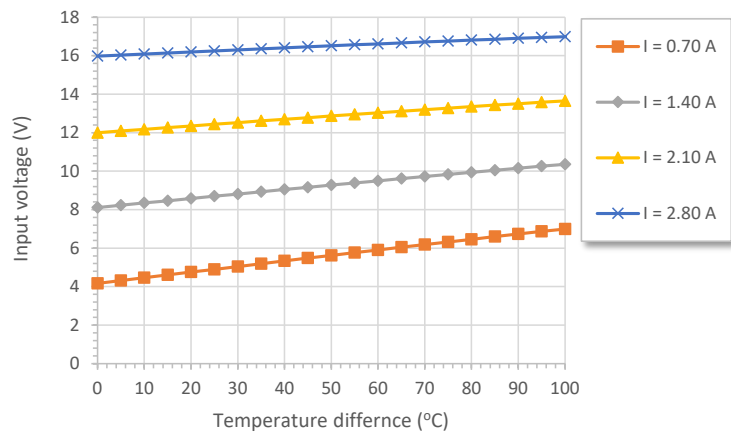
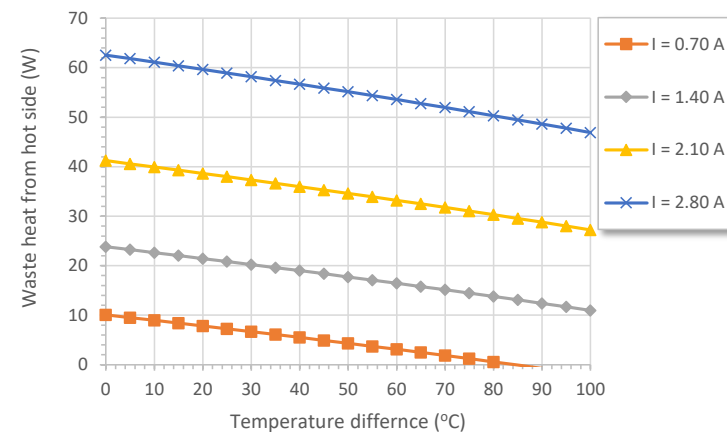
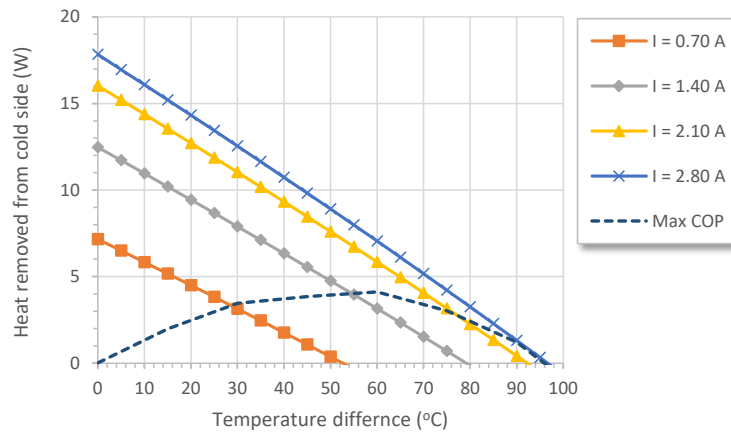
*Note - Waste heat = Heat out of hot side



ET-190-1010-1212

Peltier cooler module

Data sheet - At hot side temperature 50°C



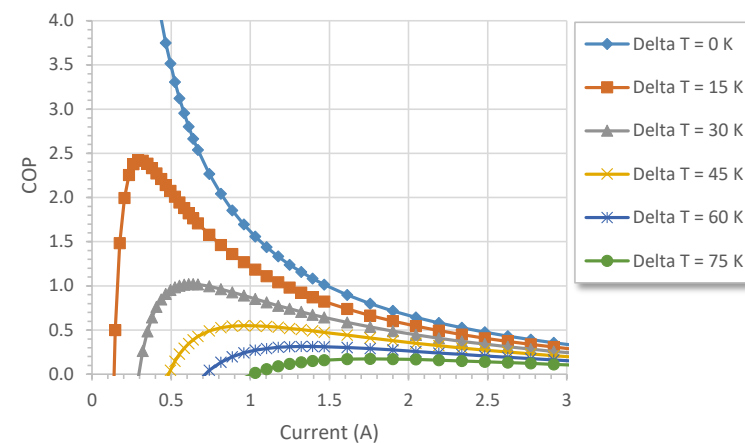
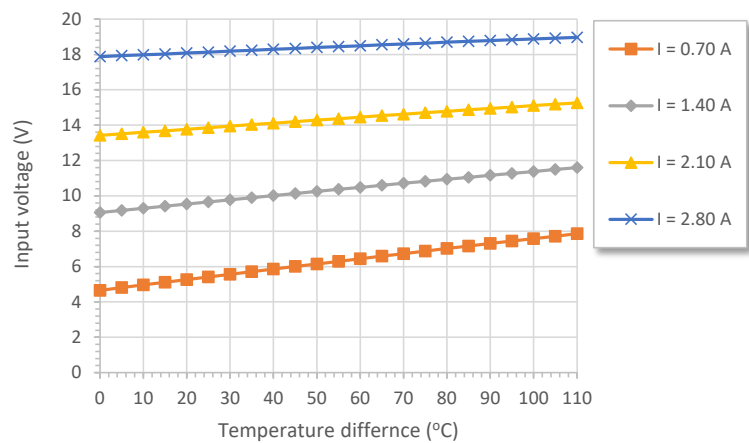
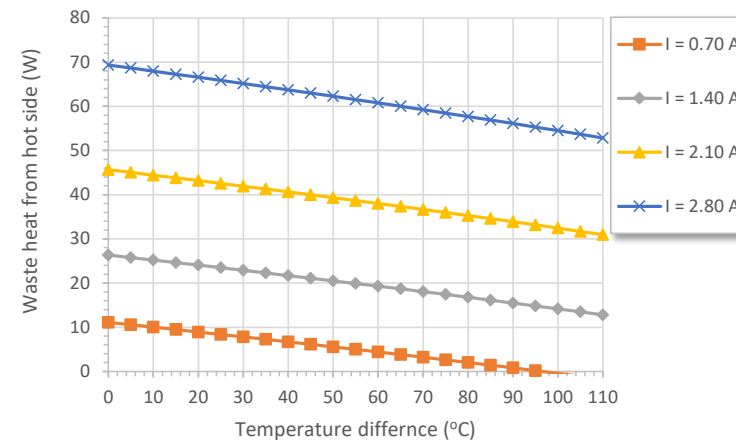
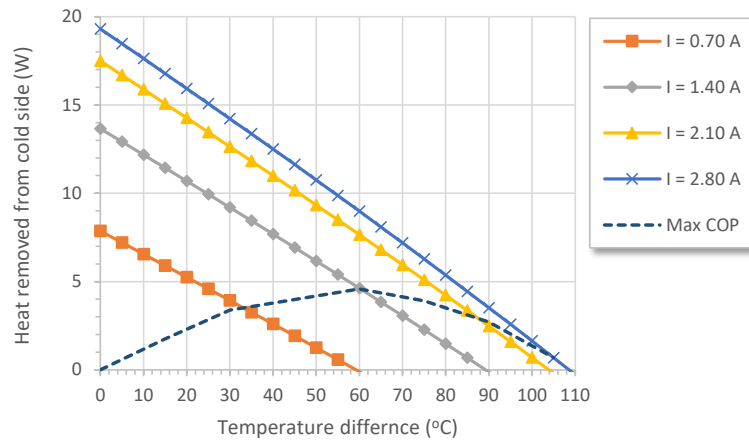
*Note - Waste heat = Heat out of hot side



ET-190-1010-1212

Peltier cooler module

Data sheet - At hot side temperature 75°C



*Note - Waste heat = Heat out of hot side

