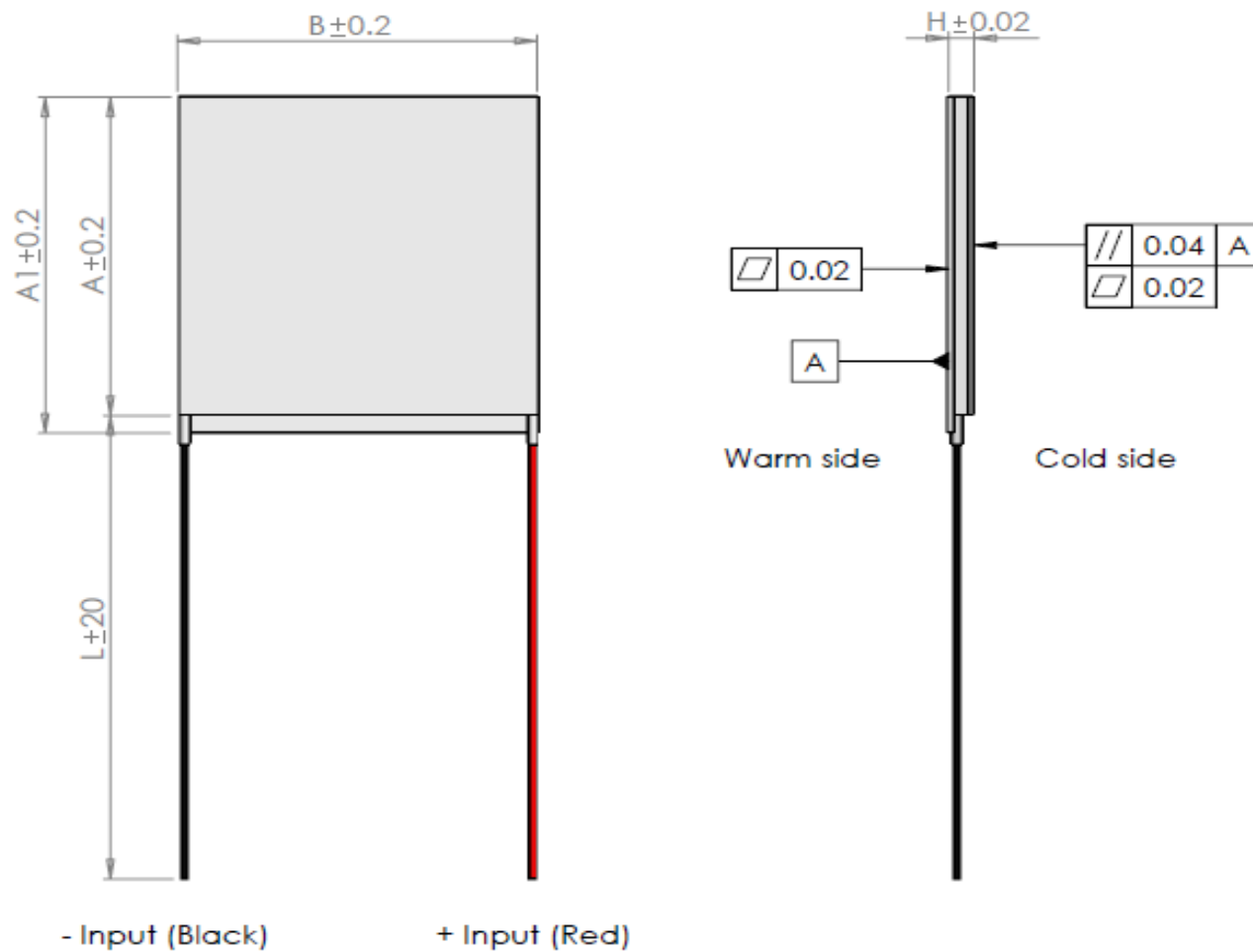


APH-161-12-16-E

Peltier cooler module

Data sheet



I_{max}	[A]	4.5
V_{max}	[Vdc]	19.5
$P_c \text{ max}$	[W]	49.2
ΔT_{max}	[°C]	69
A	[mm]	40
AI	[mm]	40
B	[mm]	40
H	[mm]	3.9
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 $T_h = 80^\circ\text{C}$ for best long term performance.

Max mounting pressure: 1.5MPa.

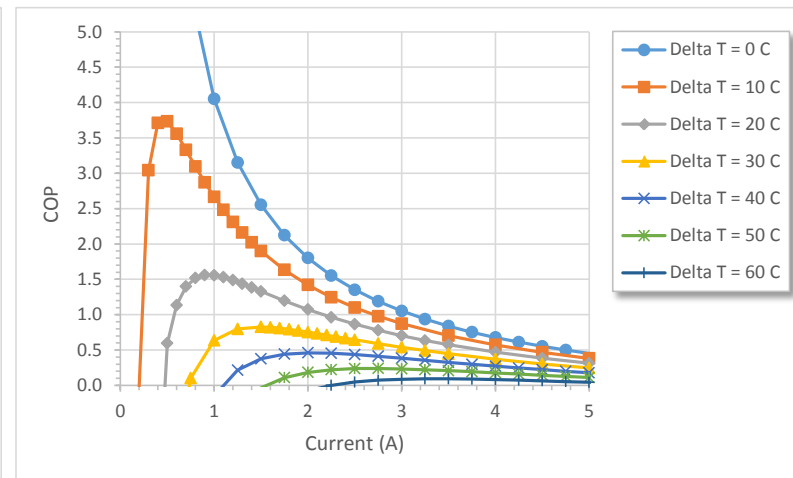
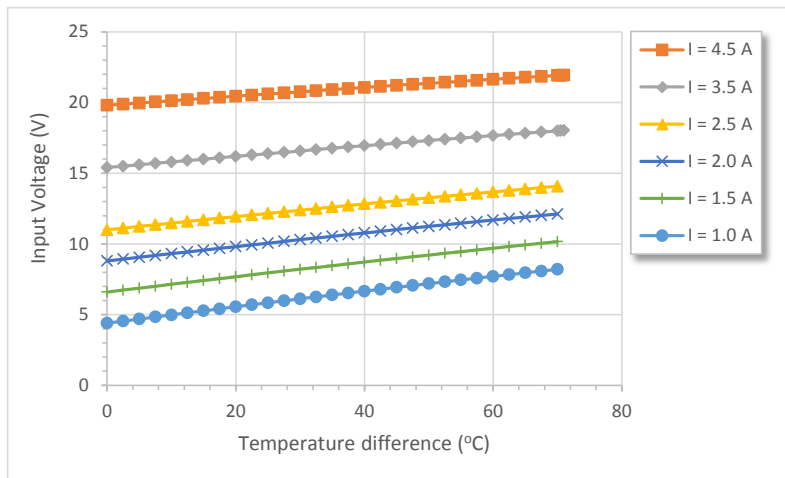
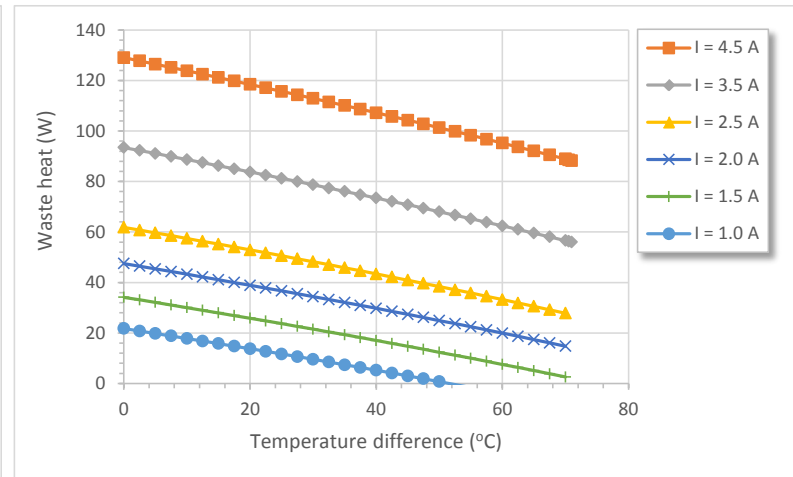
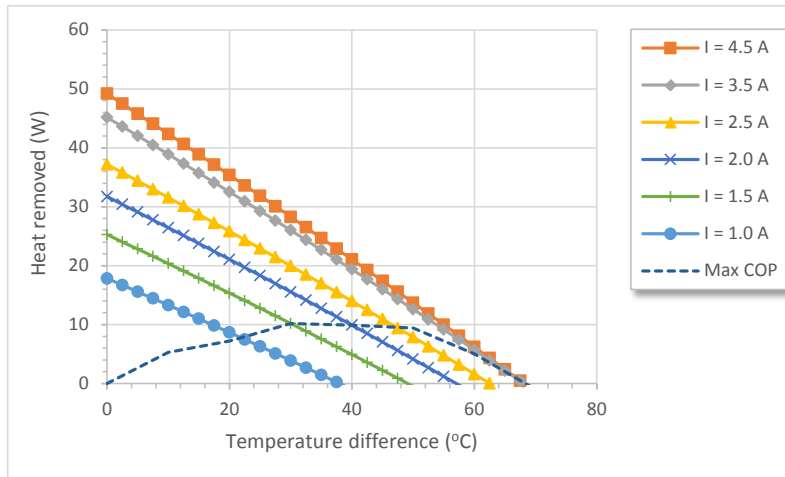
Wires: UL-style 1569, 105oC (Unstripped).



APH-161-12-16-E

Peltier cooler module

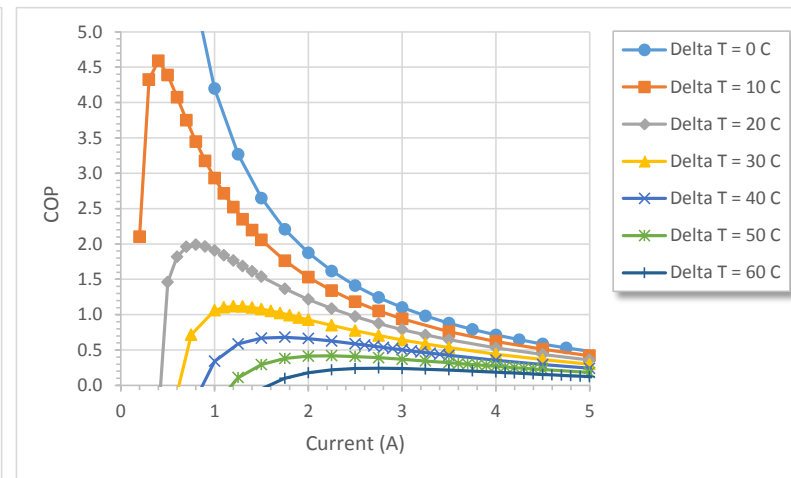
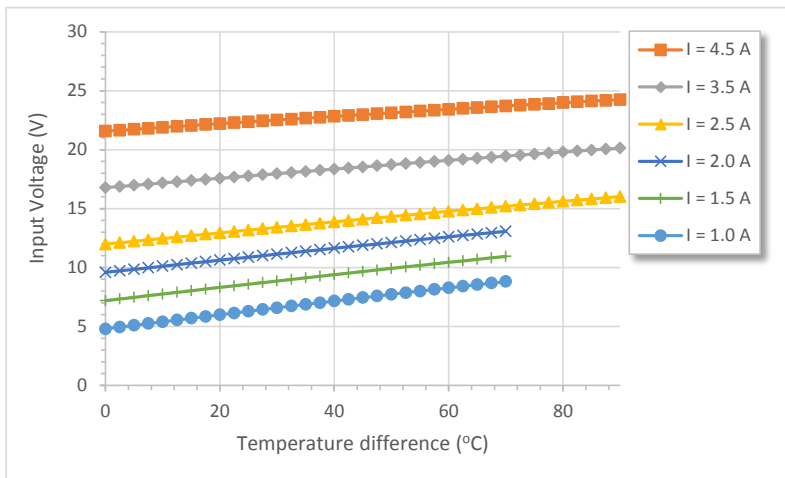
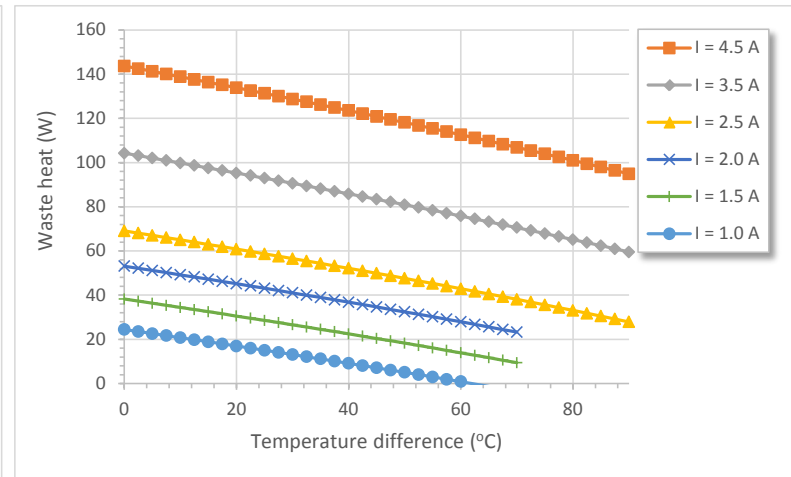
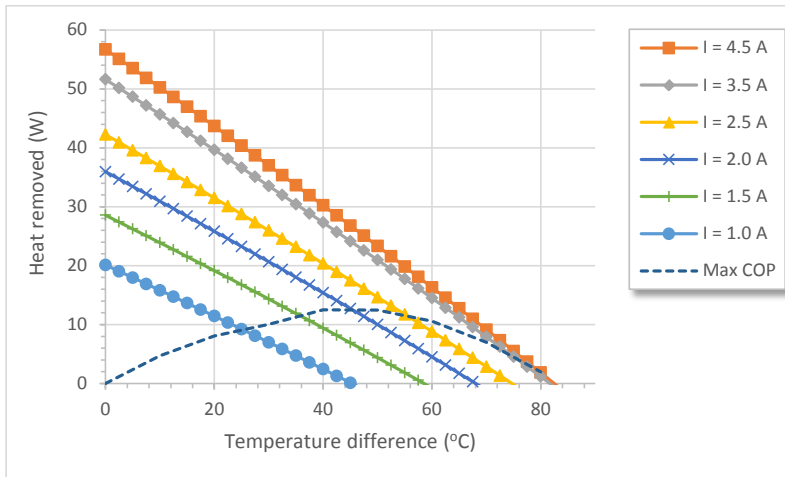
Data sheet - At hot side temperature 25°C



APH-161-12-16-E

Peltier cooler module

Data sheet - At hot side temperature 50°C



APH-161-12-16-E

Peltier cooler module

Data sheet - At hot side temperature 75°C

