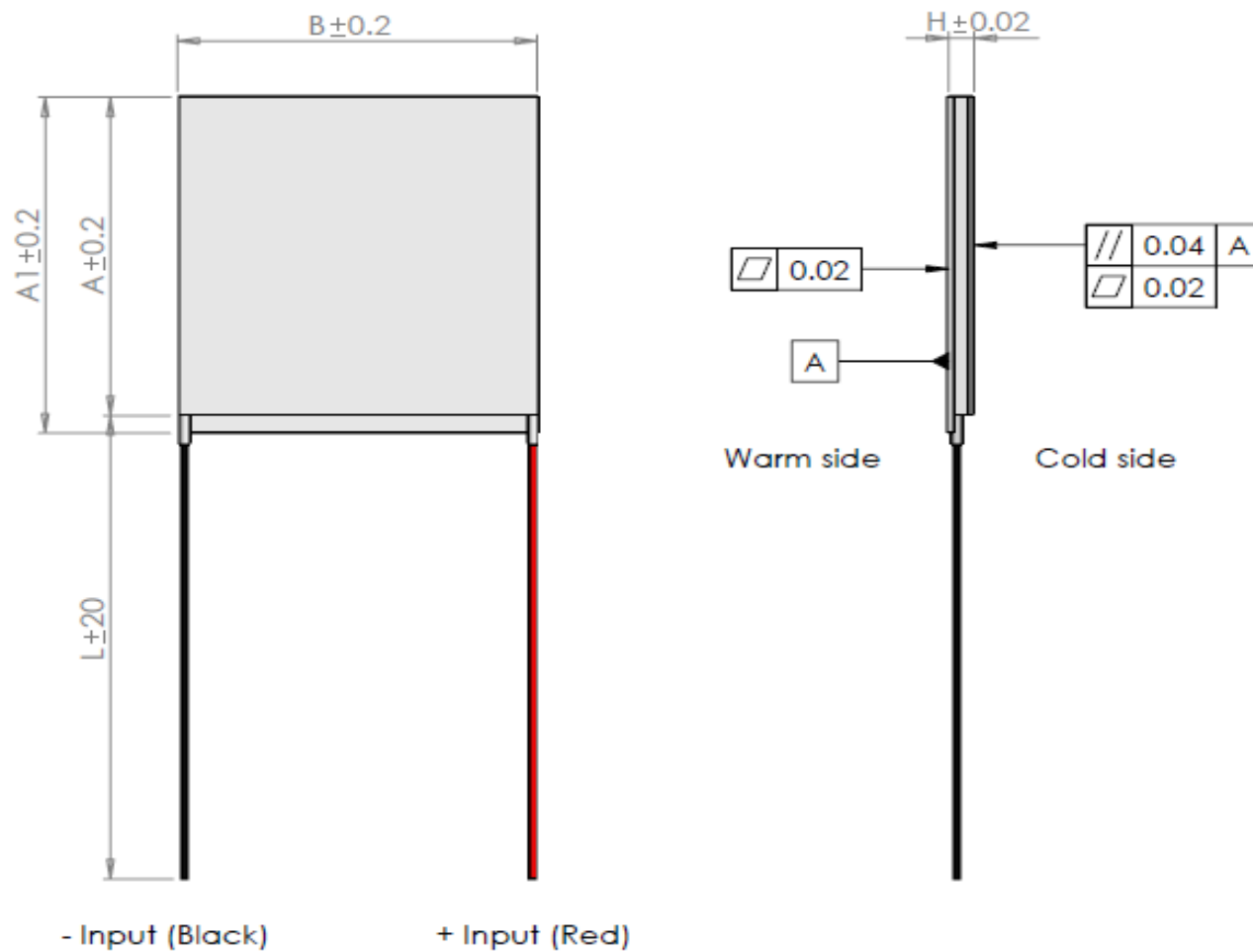


APH-241-14-11-E

Peltier cooler module

Data sheet



I_{max}	[A]	8.9
V_{max}	[Vdc]	29.2
$P_c \text{ max}$	[W]	146
ΔT_{max}	[°C]	68
A	[mm]	55
A1	[mm]	55
B	[mm]	55
H	[mm]	3.8
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.

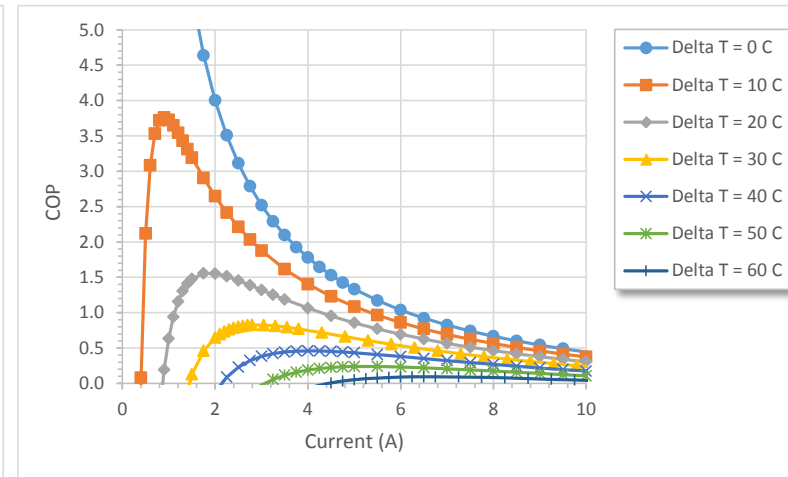
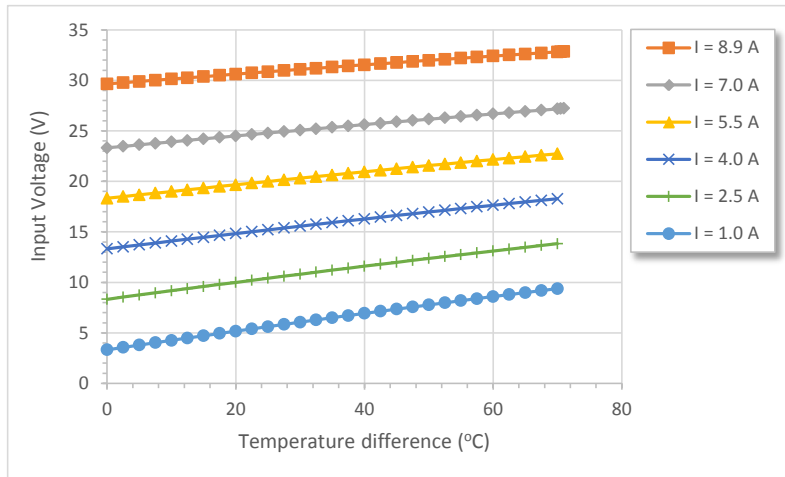
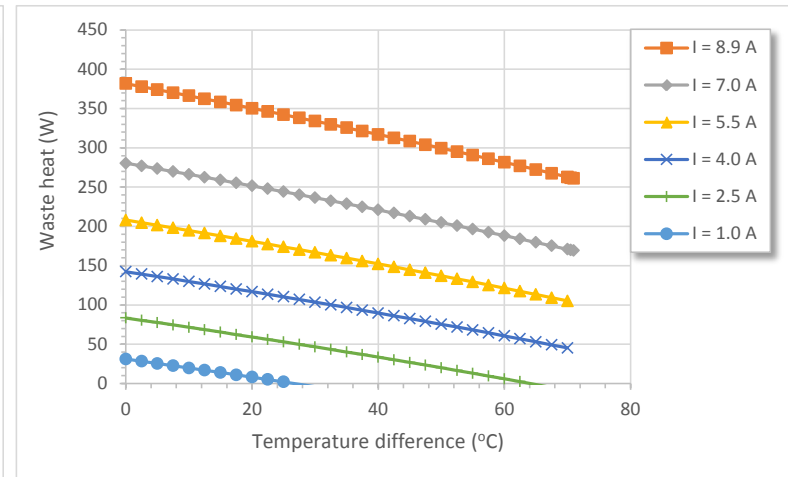
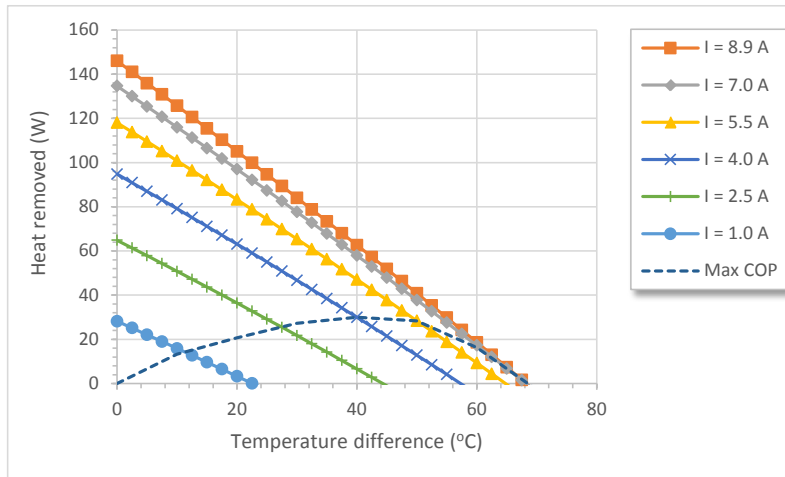
Wires: UL-style 1569, 105oC (Unstripped).



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Peltier cooler module

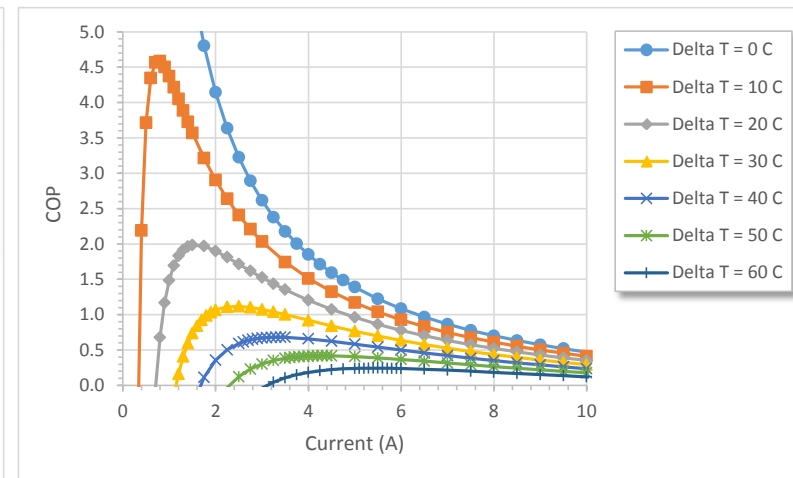
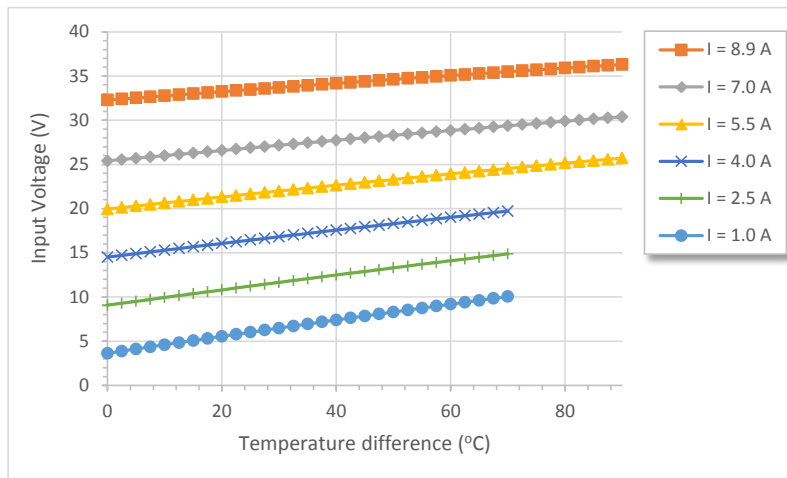
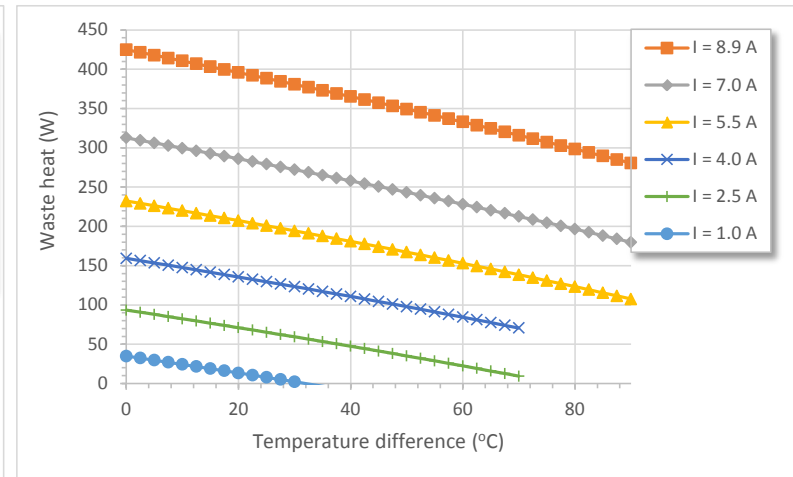
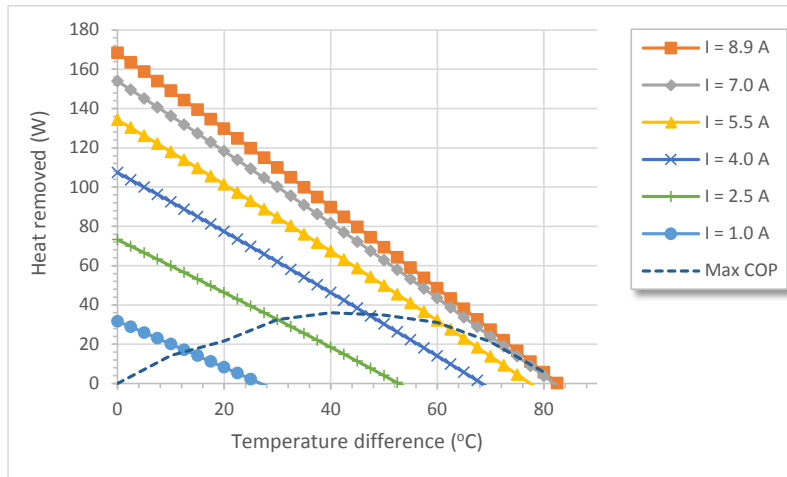
Data sheet - At hot side temperature 25°C



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Peltier cooler module

Data sheet - At hot side temperature 50°C



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Peltier cooler module

Data sheet - At hot side temperature 75°C

