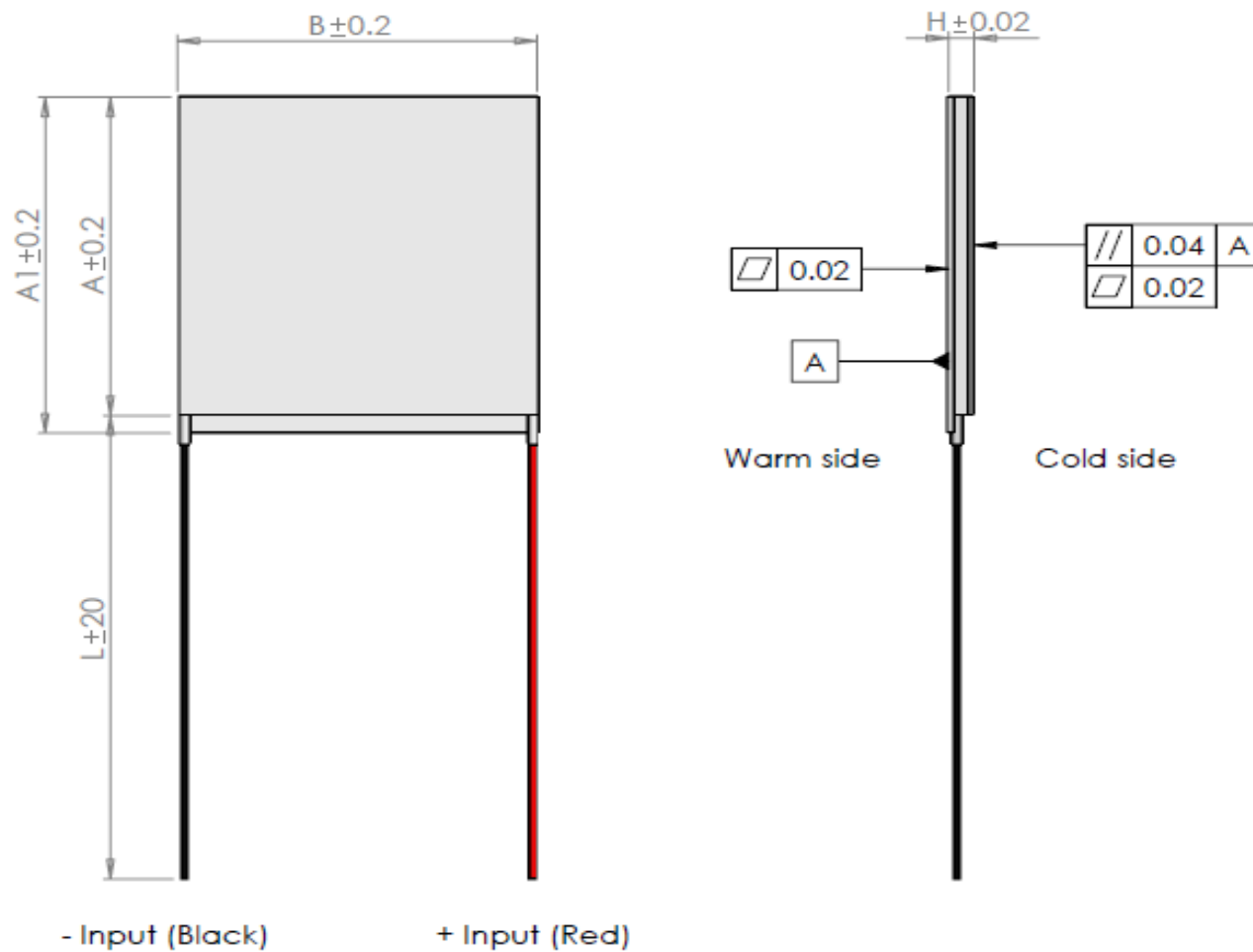


# APH-161-12-18-E

## Peltier cooler module

### Data sheet



$I_{max}$	[A]	4.0
$V_{max}$	[Vdc]	19.5
$P_c \text{ max}$	[W]	43.8
$\Delta T_{max}$	[°C]	69
A	[mm]	40
AI	[mm]	40
B	[mm]	40
H	[mm]	4.2
L	[mm]	100
Wire	AWG	n/a

(At hot side temperature  $T_h = 25^\circ\text{C} / 298\text{K}$ , under dry  $\text{N}_2$ ).

$P_c \text{ max}$  = Cooling power at  $\Delta T = 0$  and  $I = I_{max}$ .

$\Delta T_{max}$  = 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.

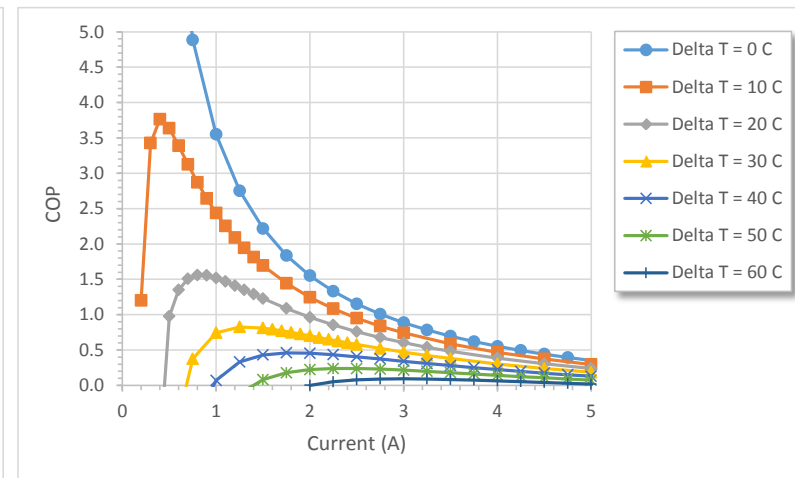
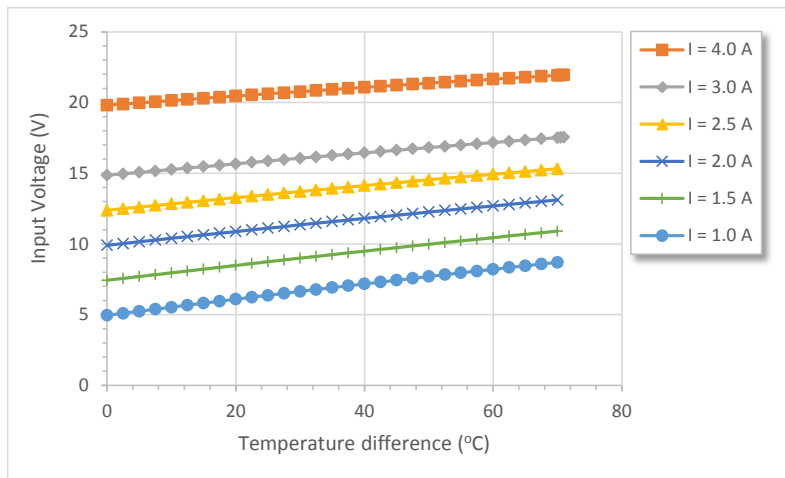
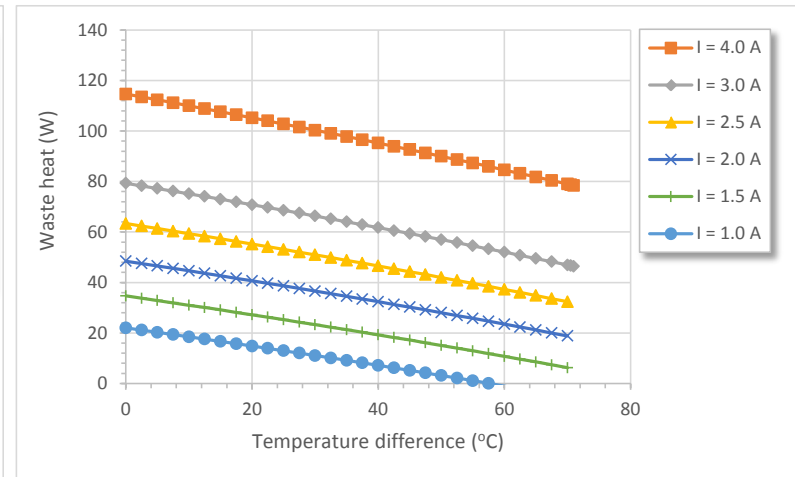
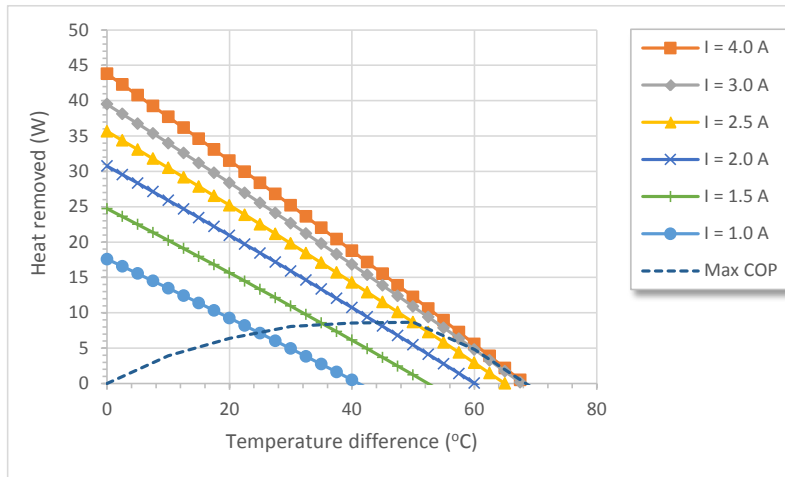
Wires: UL-style 1569, 105oC (Unstripped).



# APH-161-12-18-E

## Peltier cooler module

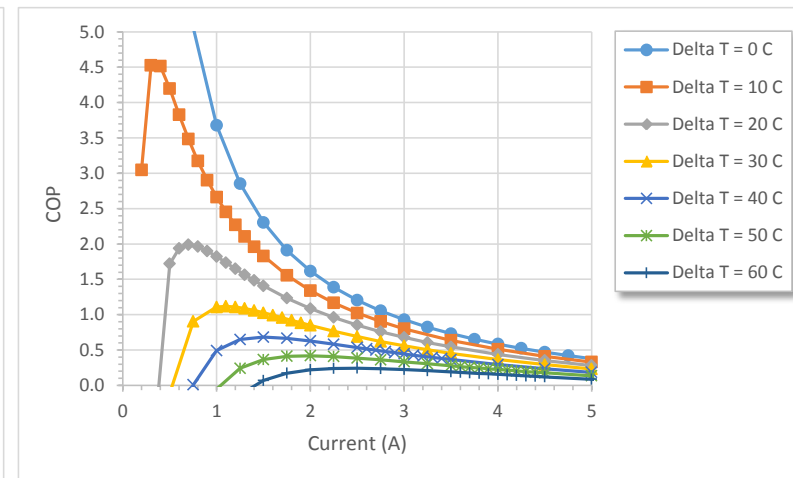
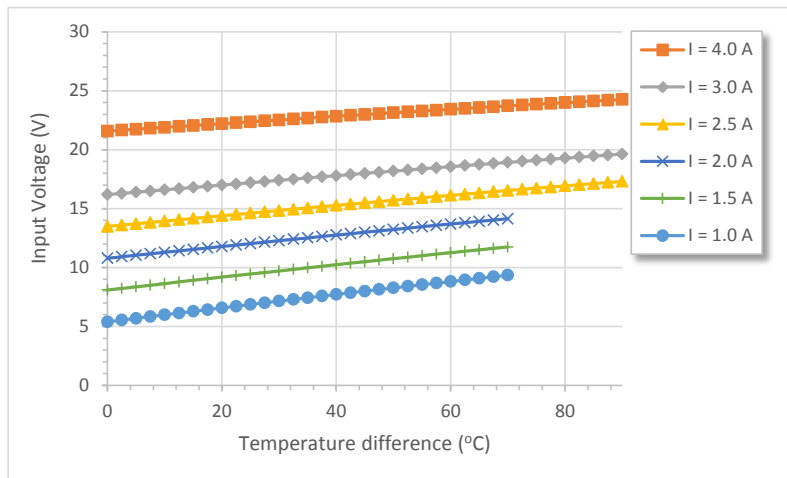
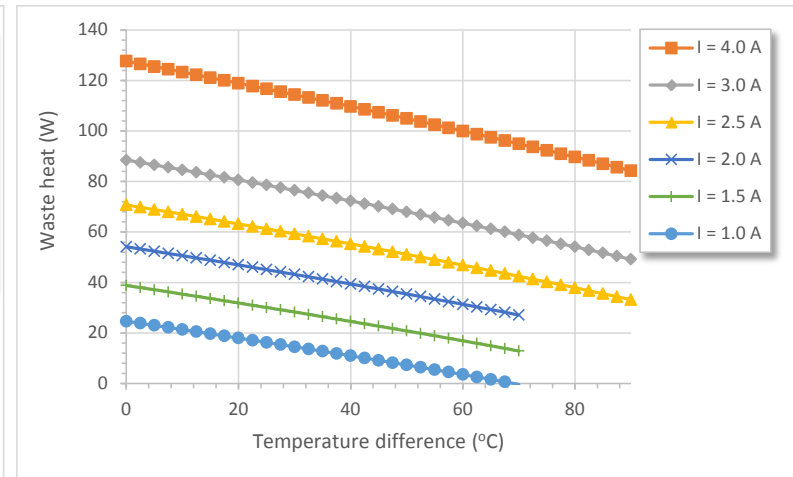
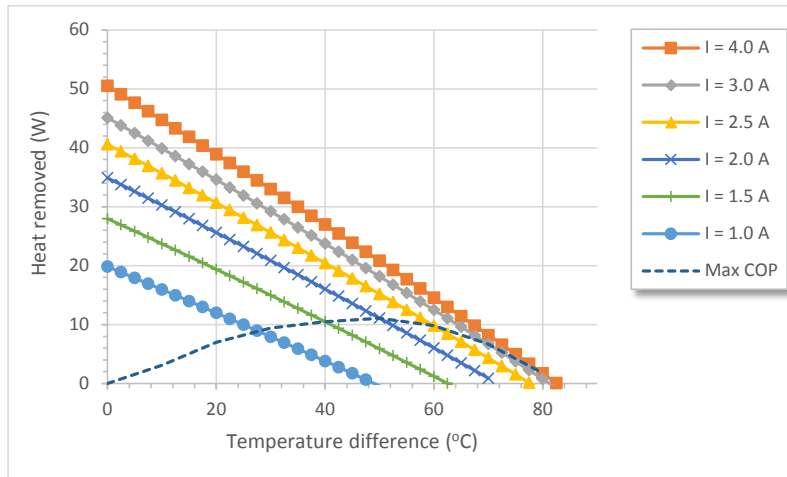
Data sheet - At hot side temperature 25°C



# APH-161-12-18-E

## Peltier cooler module

Data sheet - At hot side temperature 50°C



# APH-161-12-18-E

## Peltier cooler module

Data sheet - At hot side temperature 75°C

