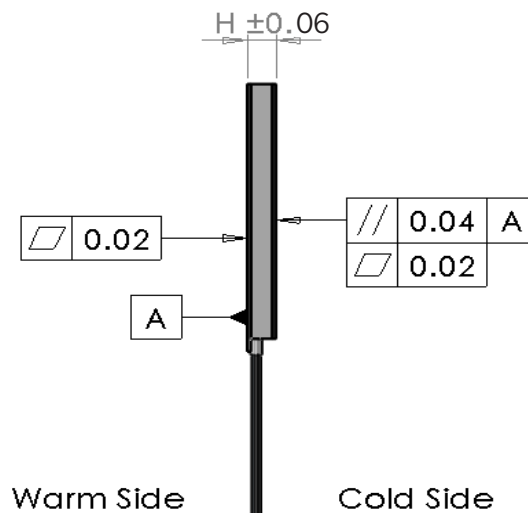
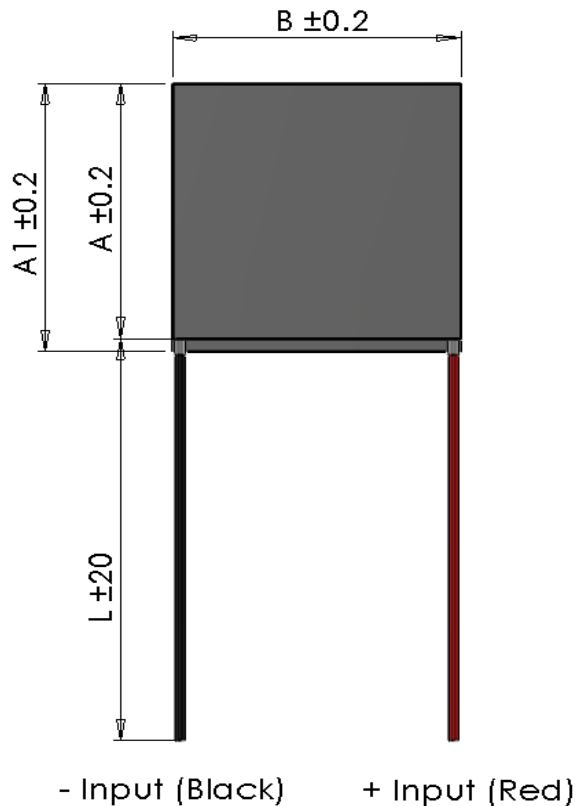


# APH-161-12-16-E

## Peltier Cooler Module

### Data sheet



Warm Side

Cold Side

$I_{max}$	[A]	4.5
$V_{max}$	[Vdc]	19.5
$P_c \text{ max}$	[W]	49.2
$\Delta T_{max}$	[°C]	69
A	[mm]	40
AI	[mm]	40
B	[mm]	40
H	[mm]	3.8
L	[mm]	350
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  $I = I_{max}$ .

$\Delta T_{max}$  = Temperature difference at  $I = I_{max}$  and  $P_c = 0$ .

Max hot side temperature  $T_h = 180^\circ\text{C}$  for best long term performance.

Max mounting pressure: 1.5MPa.

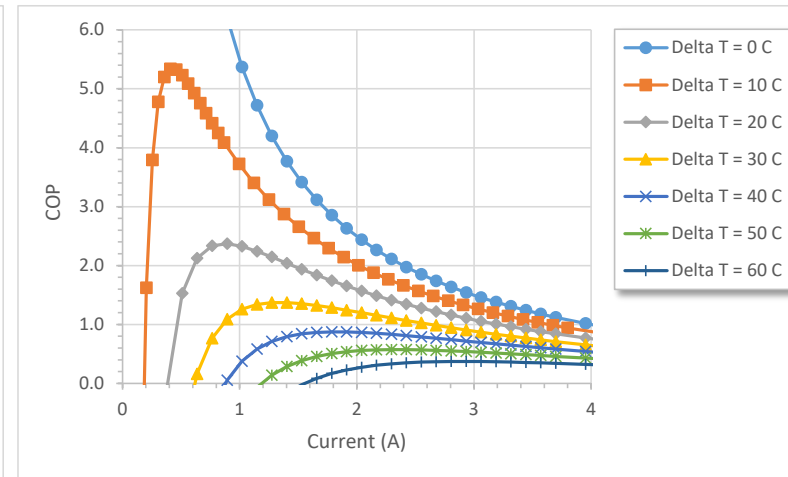
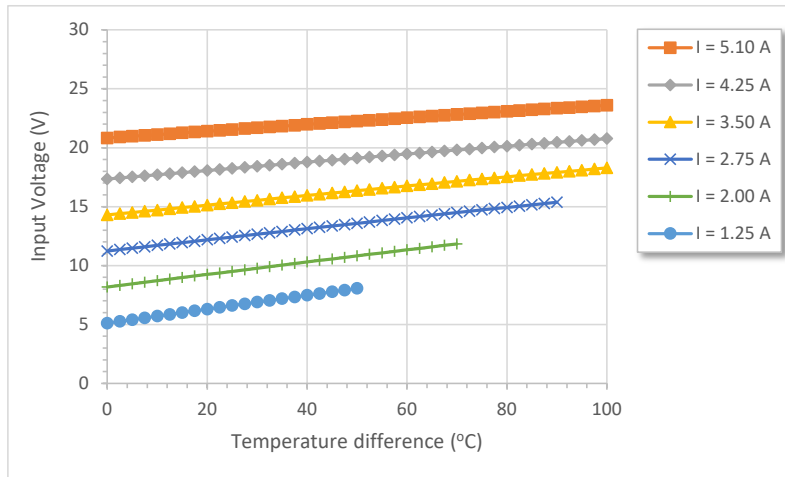
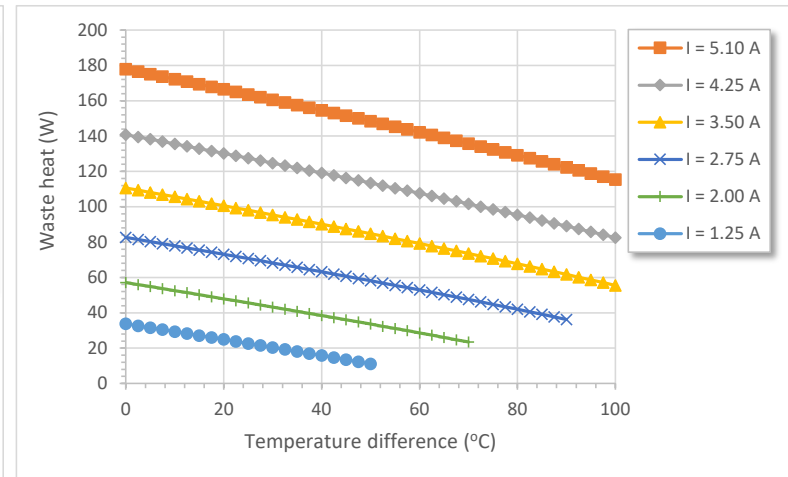
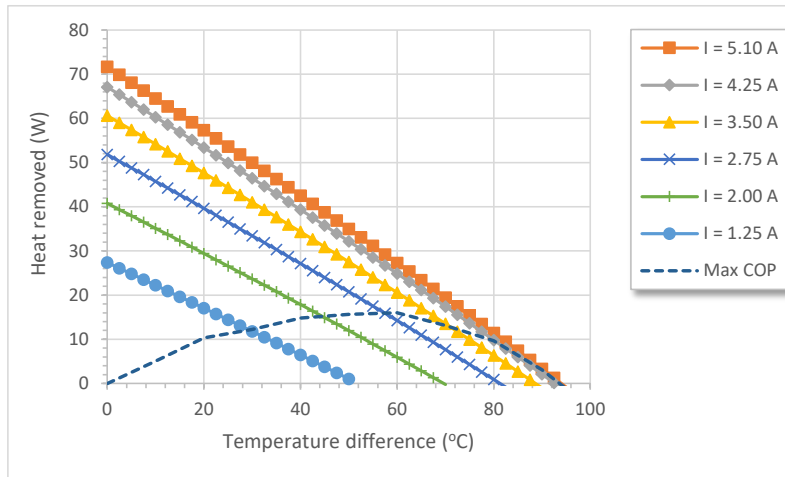
Wires: UL-style 1569, 105°C (Unstripped).



# APH-161-12-16-E

## Peltier Cooler Module

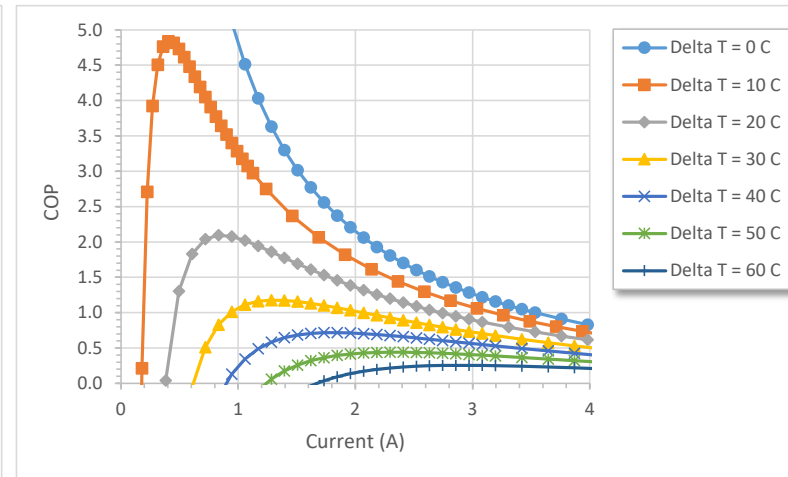
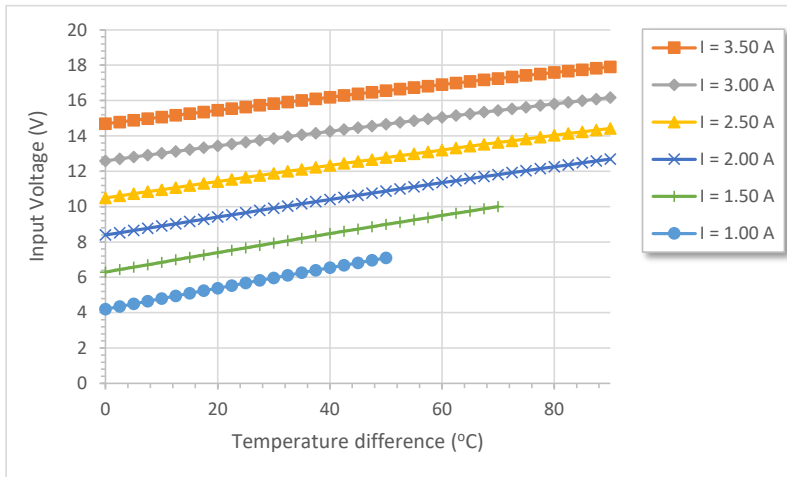
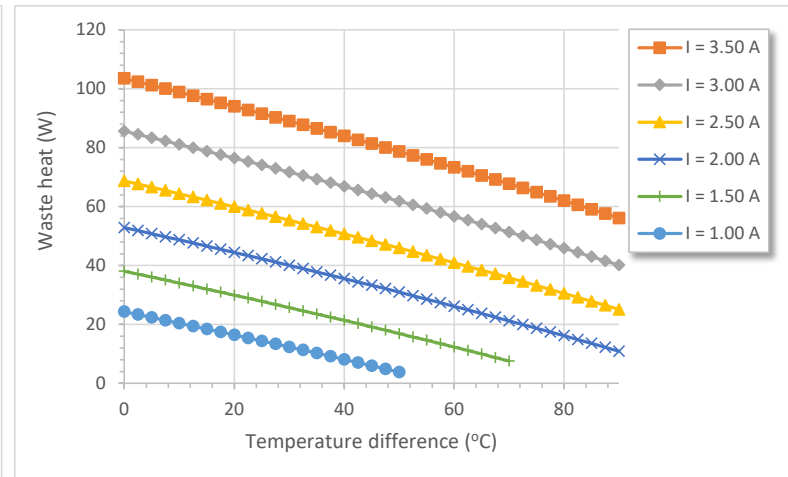
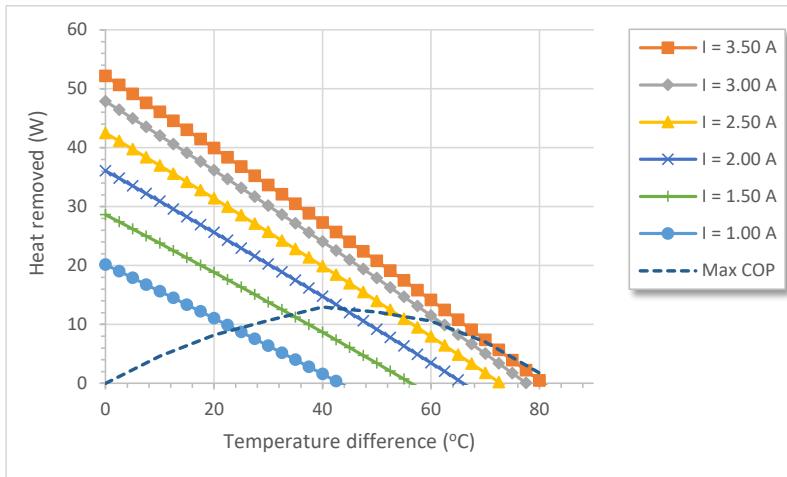
Data sheet - At hot side temperature 25°C



# 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

