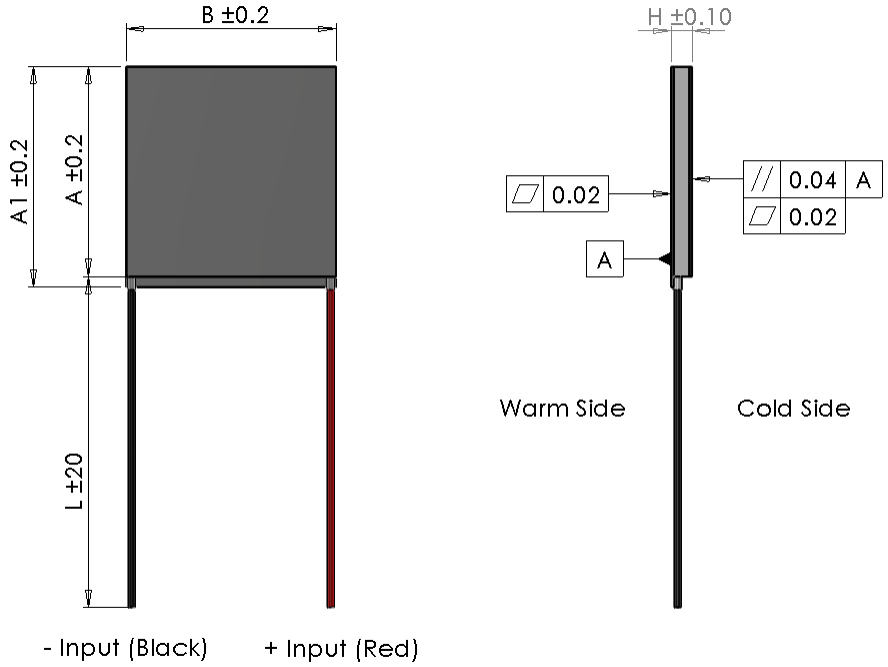
APC-12738P

Peltier Cooler Module



Data sheet

Imax	[A]	3.8
Vmax	[Vdc]	14.7
Pc max	[W]	36
ΔTmax	[°C]	66
A	[mm]	30
A1	[mm]	34
B	[mm]	30
H	[mm]	3.3
L	[mm]	100

- (At hot side temperature Th = 27°C / 300K, under dry N_2)
- Pc max = Cooling power at ΔT = 0 and I = Imax
- ΔTmax = Temperature difference at I = Imax and Pc = 0
- Max hot side temperature Th = 90°C for best long term performance
- Unsealed
- Max mounting pressure: 1.5MPa
- Wires: PVC UL1569, 300V, 105 °C

Features

- Solid-state reliability
- Suitable for temperature cycling applications
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments

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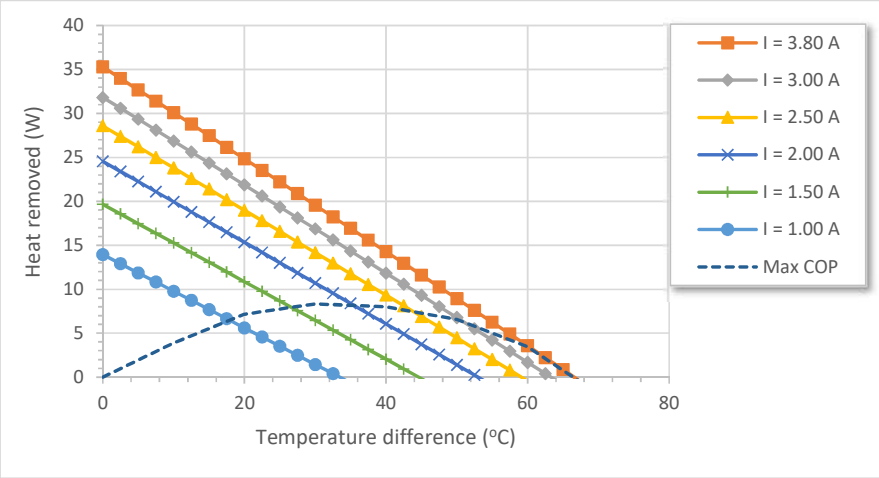
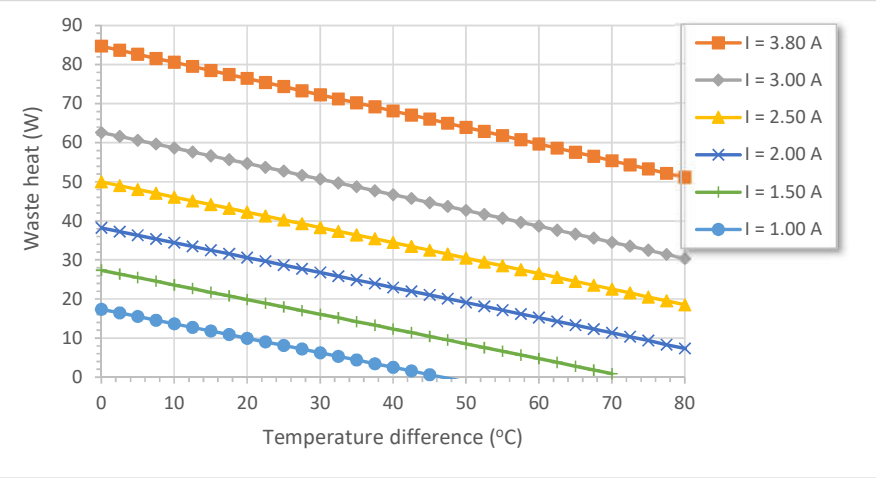
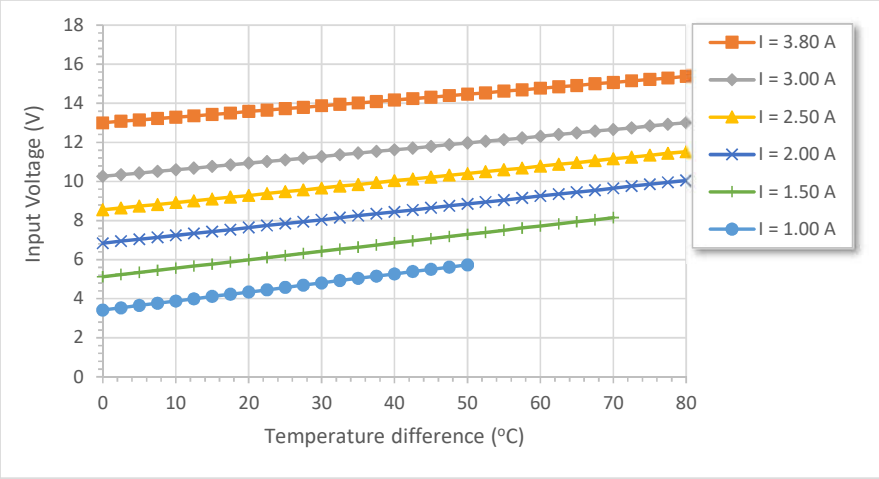
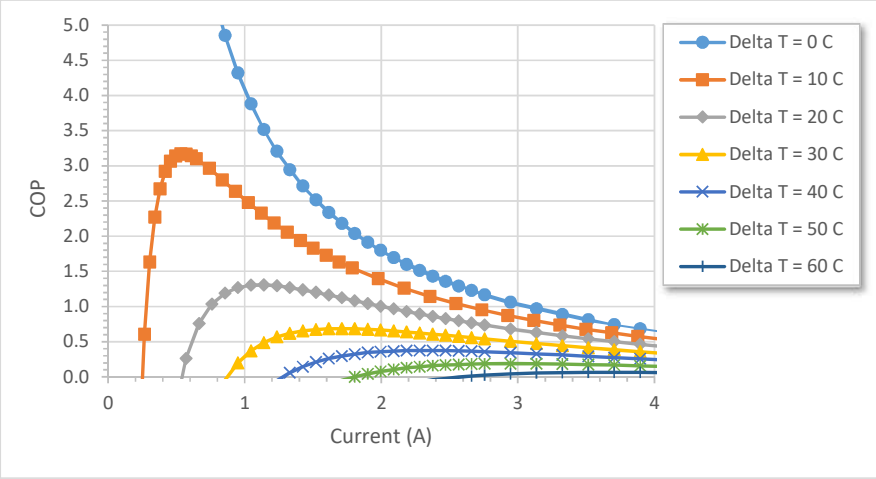
Data sheet - At hot side temperature 25°C

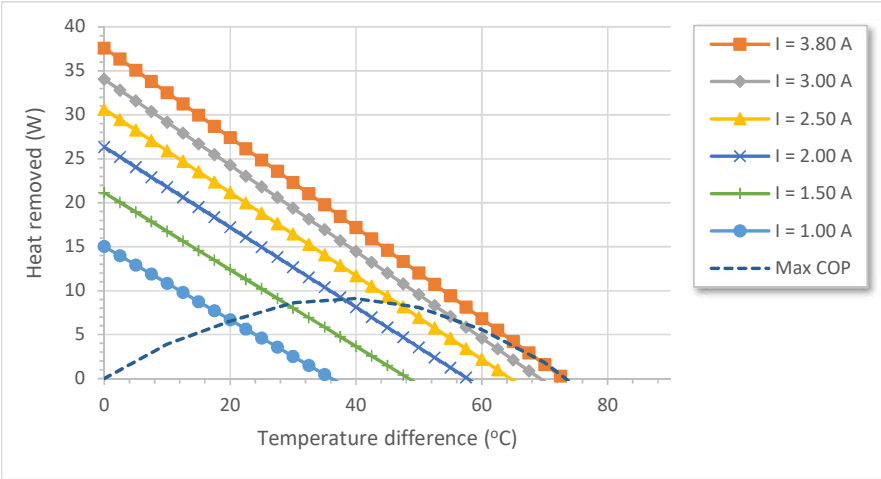


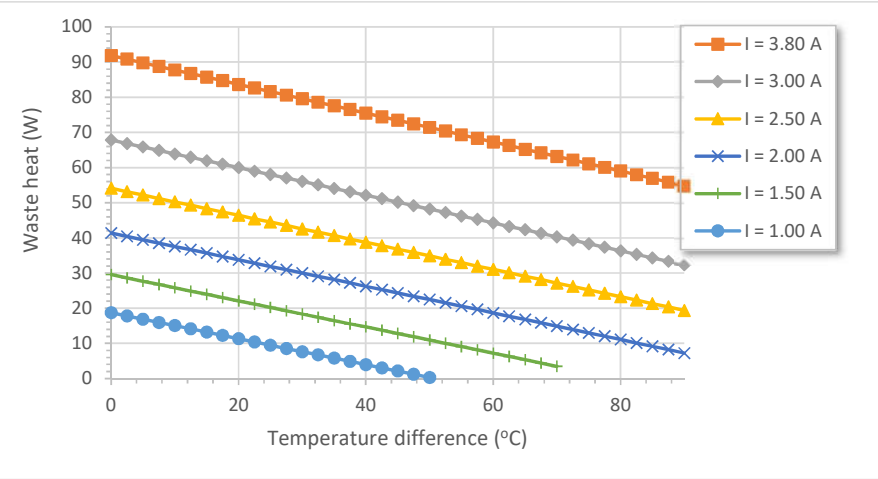


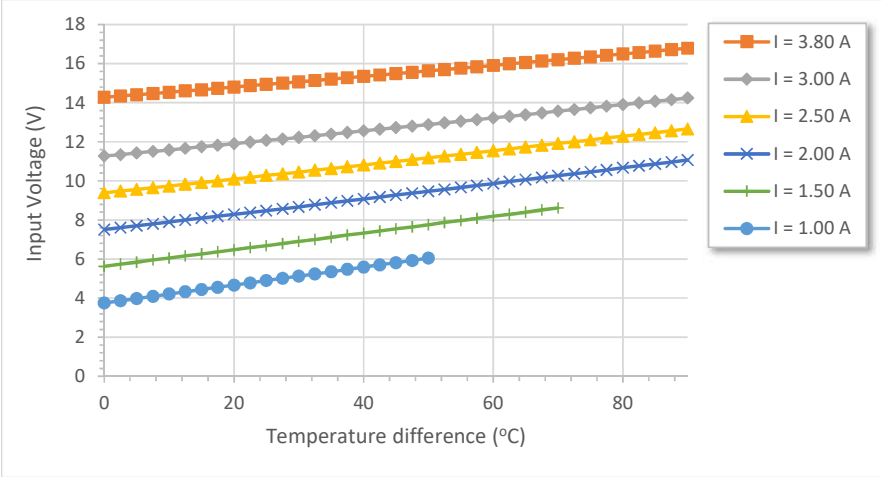


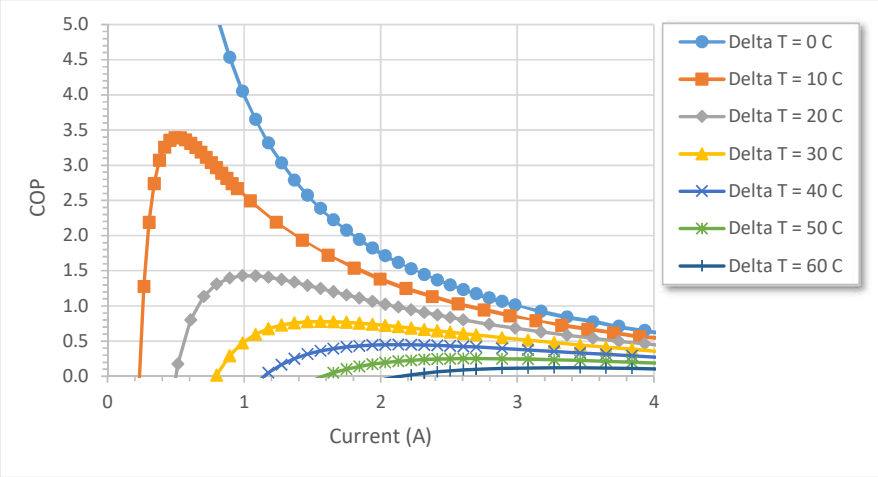


Data sheet - At hot side temperature 50°C









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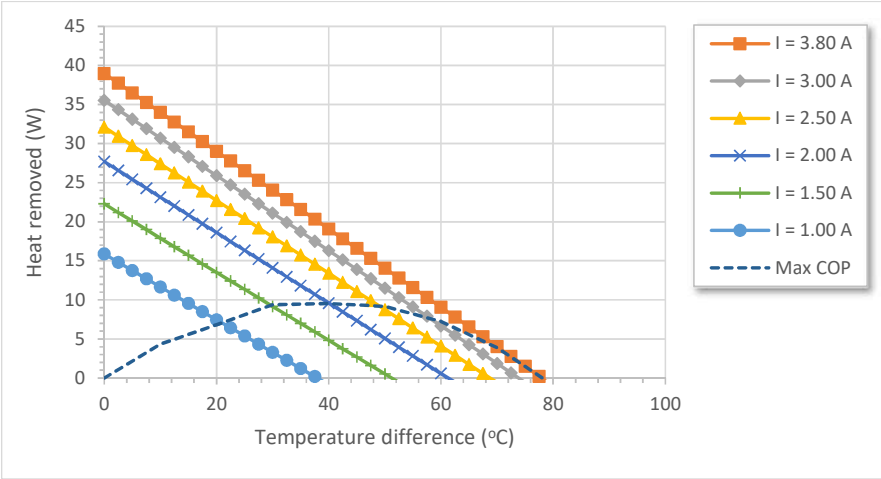
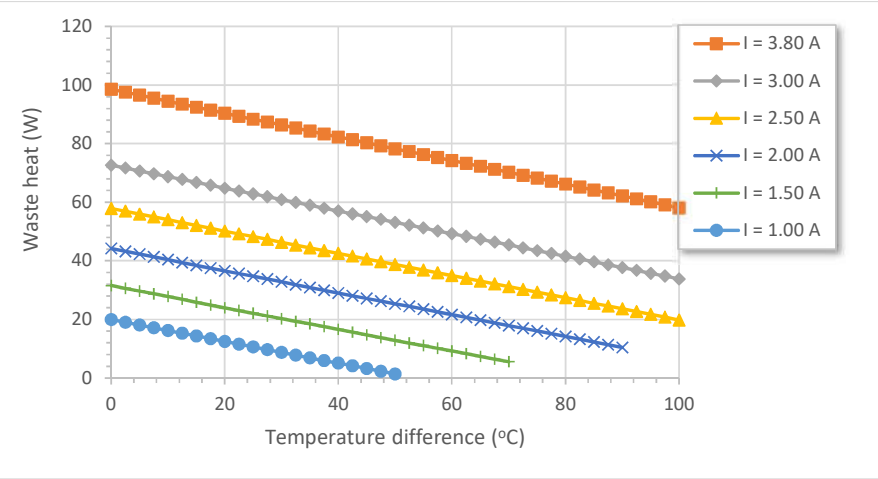
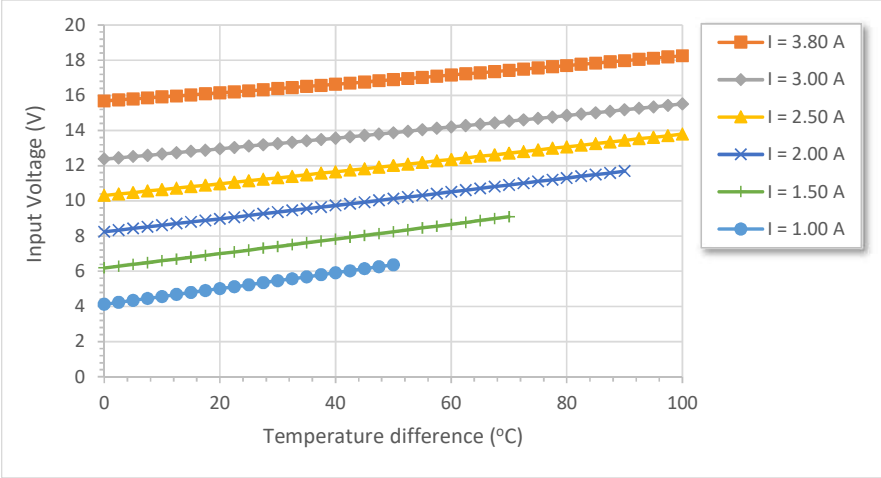
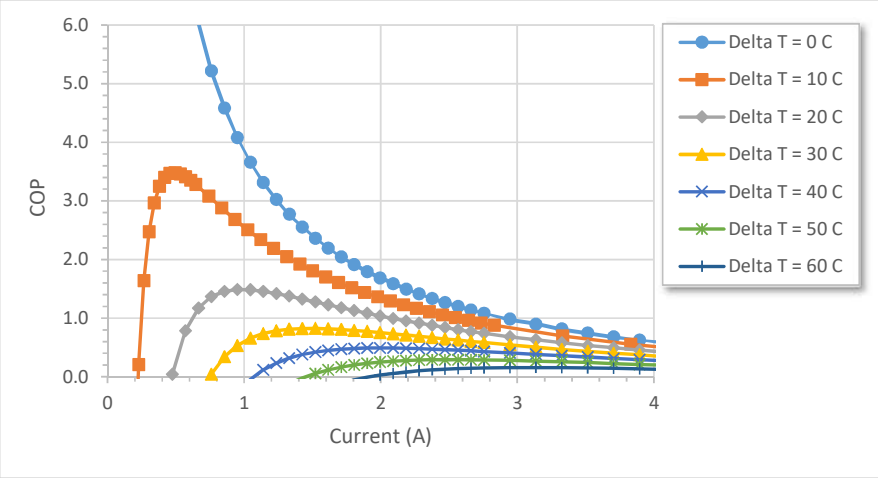
Data sheet - At hot side temperature 75°C









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