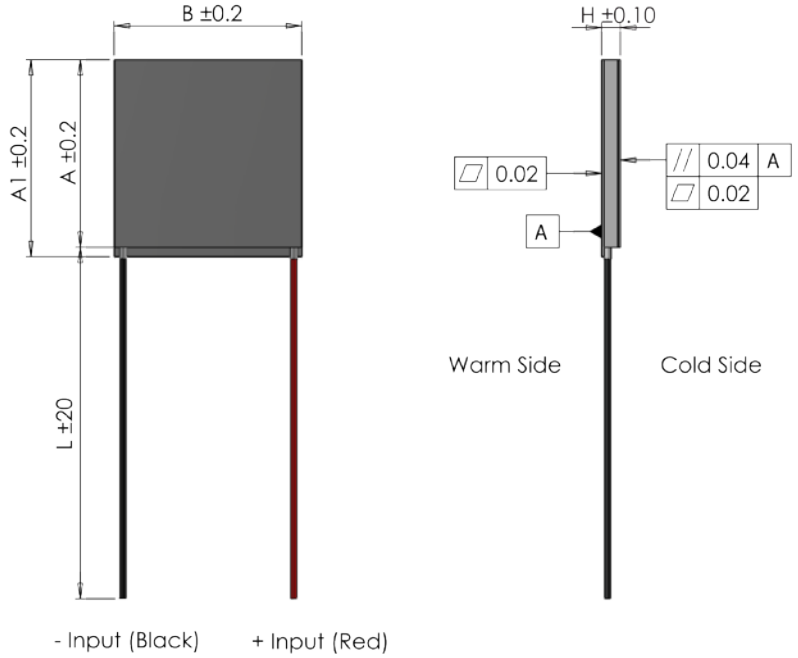
APHC-287-10-13-E

Peltier Cooler Module - High Temperature Cycling



Data Sheet

Imax	[A]	3.6
Vmax	[Vdc]	36.1
Pc max	[W]	78
ΔTmax	[°C]	72
ACR	[Ohms]	7.7
Max. hot side temp.	[°C]	180
A	[mm]	40
A1	[mm]	40
B	[mm]	40
H	[mm]	3.6

- (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 mounting pressure: 1.5MPa
- Wires: PFA, Teflon, 600V, +250°C(Unstripped)

Features

- Solid-state reliability
- Suitable for temperature cycling applications
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Epoxy sealed

Adaptive® Thermal Management

Web: www.europeanthermodynamics.com Tel: +44(0)116 279 6899 E-mail: info@etdyn.com

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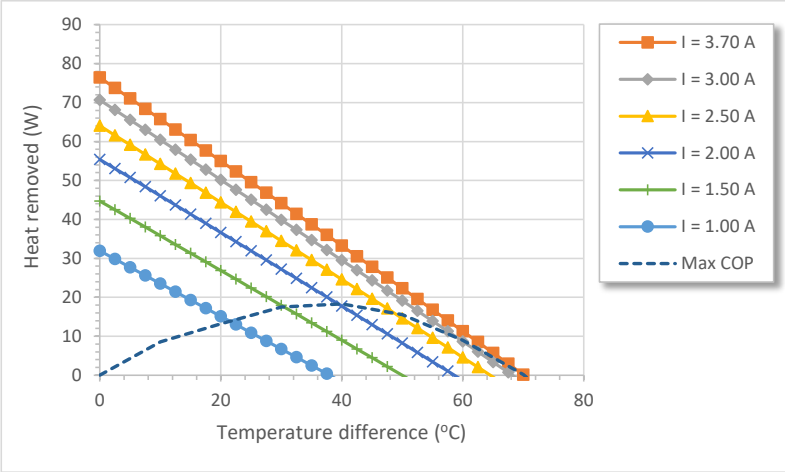
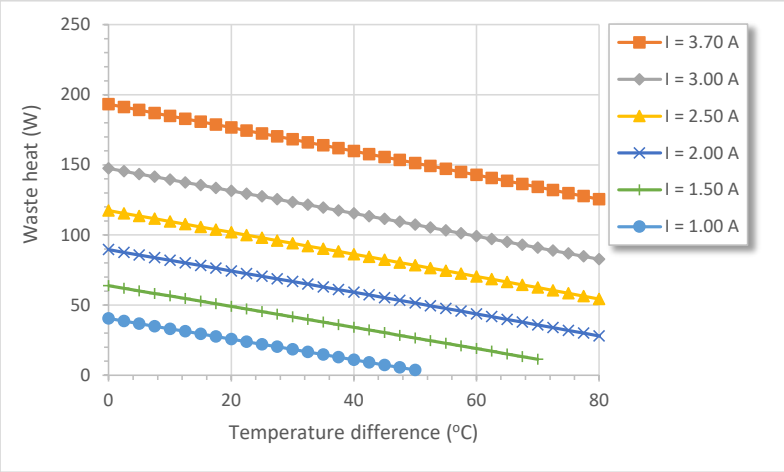
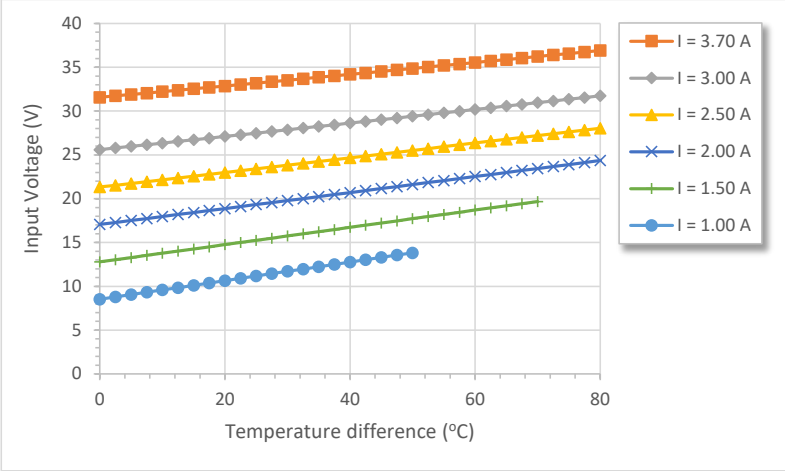
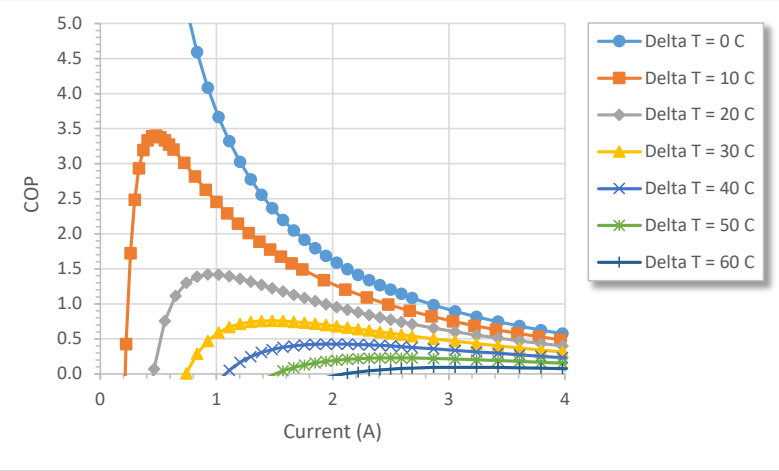
Peltier Cooler Module - High Temperature Cycling

Data Sheet - At hot side temperature 25°C

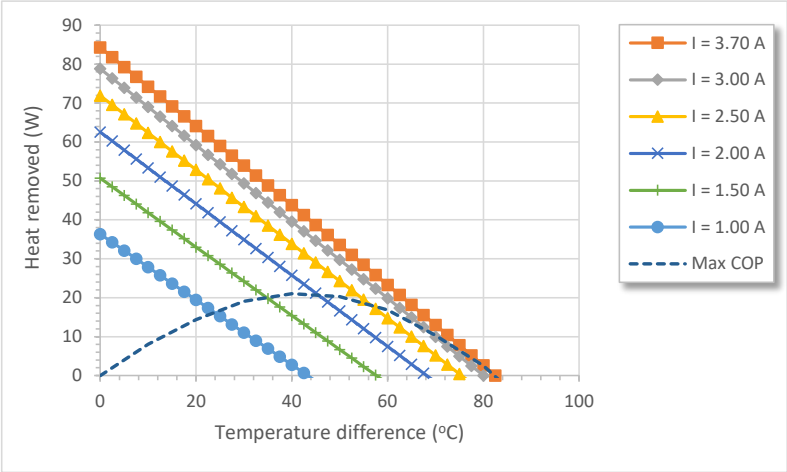


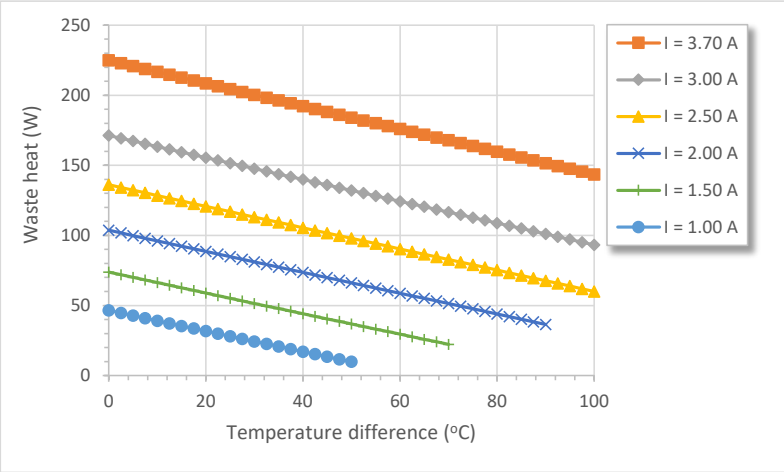


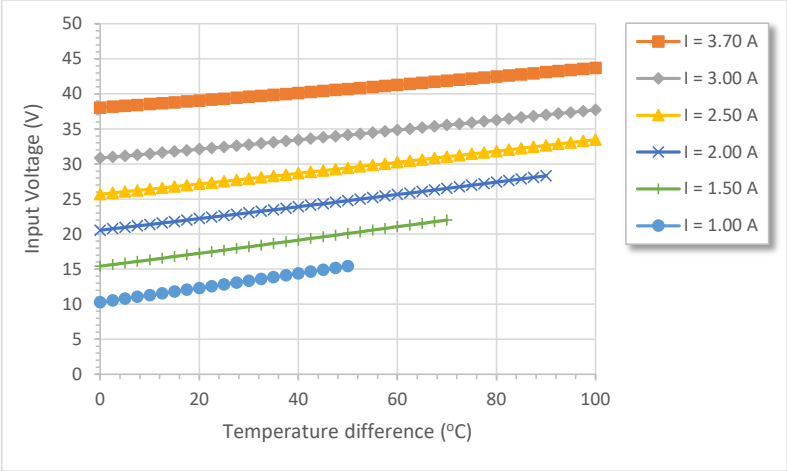


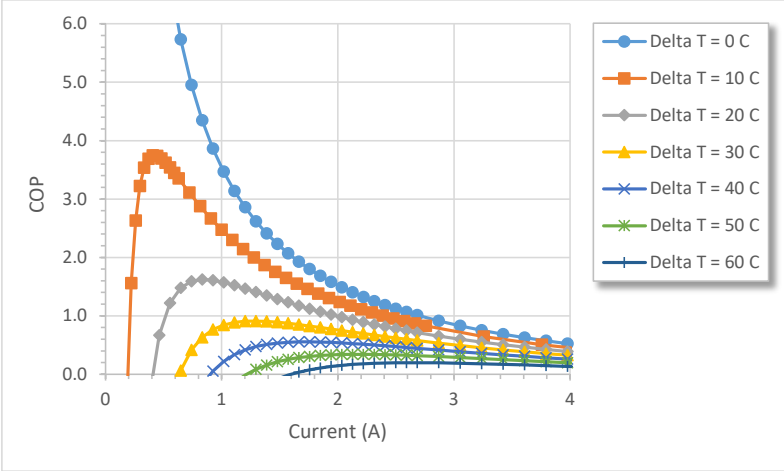


Data Sheet - At hot side temperature 50°C









Data Sheet - At hot side temperature 75°C