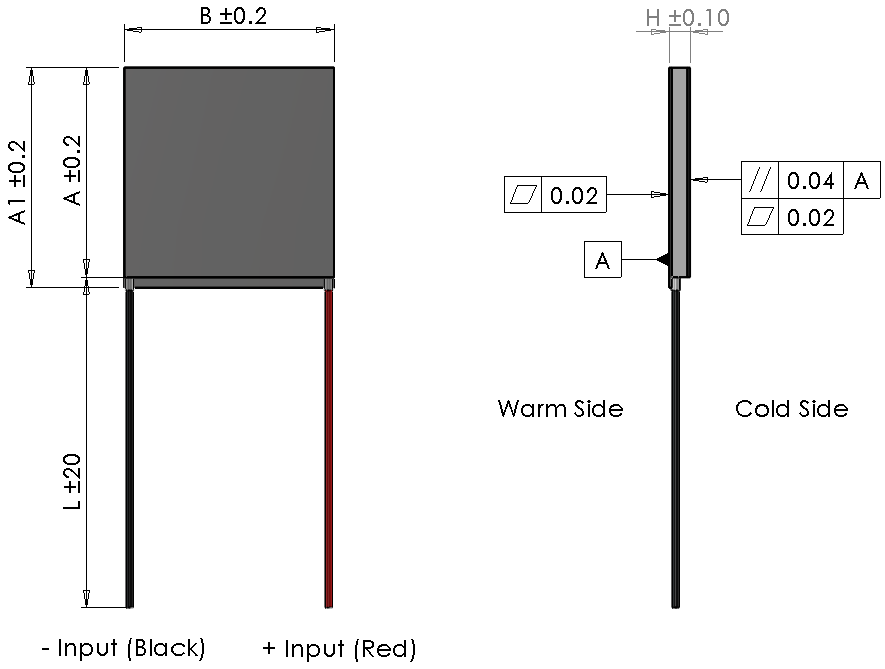
APHC-12703-S

Peltier Cooler Module - High Temperature Cycling



Data sheet

Imax	[A]	2.5
Vmax	[Vdc]	14.7
Pc max	[W]	23
ACR	[Ω]	4.9
ΔTmax	[°C]	66
Max. hot side temp.	[°C]	180
A	[mm]	30
AI	[mm]	34
B	[mm]	30
H	[mm]	3.8
L	[mm]	100
Wire	AWG	20

- (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
- AF250 Teflon wire, 600V, -80 to +250degC

Features

- RoHs and Reach compliant
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Sealed & lapped for multi-module applications

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

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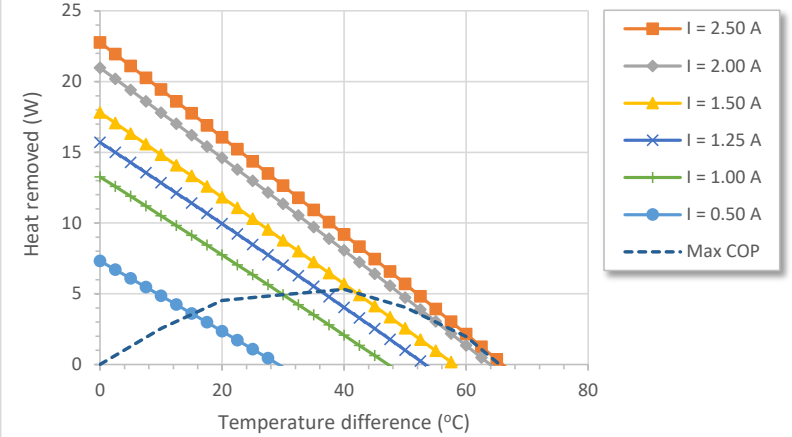
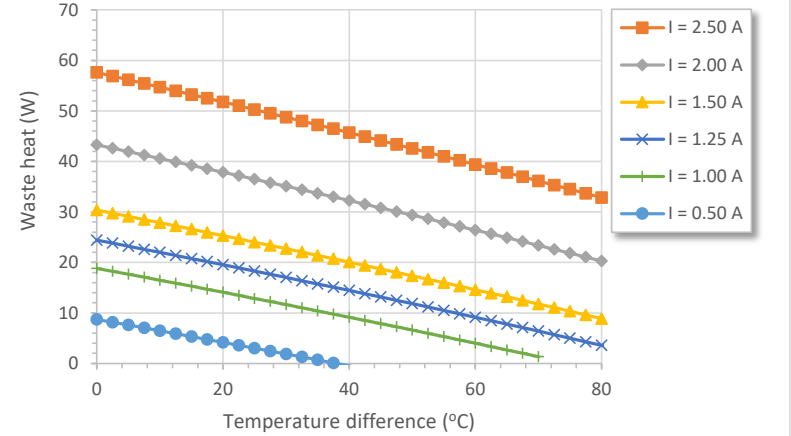
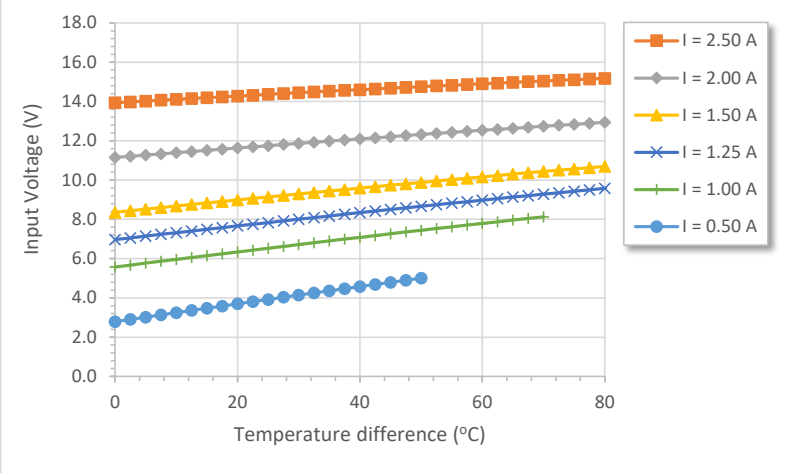
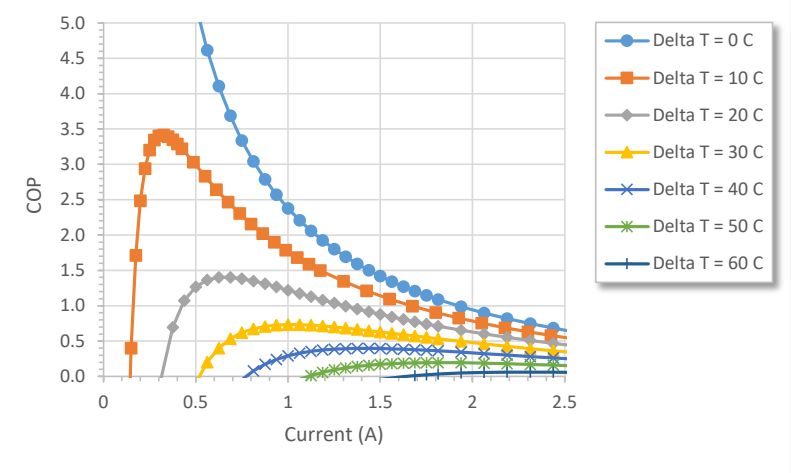
Peltier Cooler Module - High Temperature Cycling

Data sheet - At hot side temperature 25°C

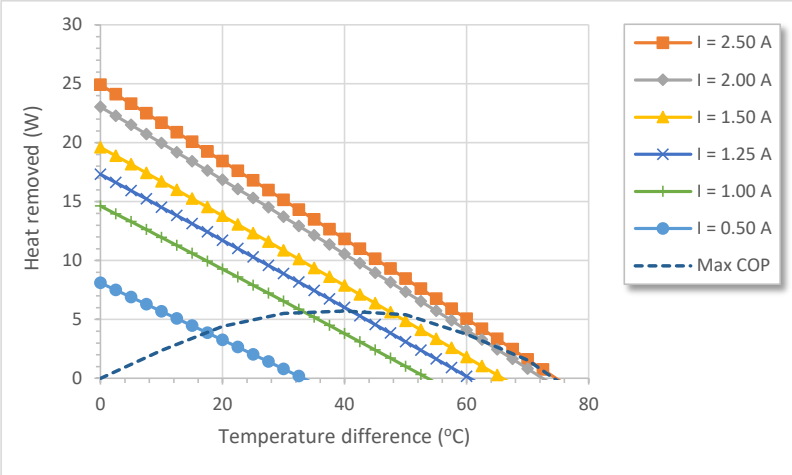


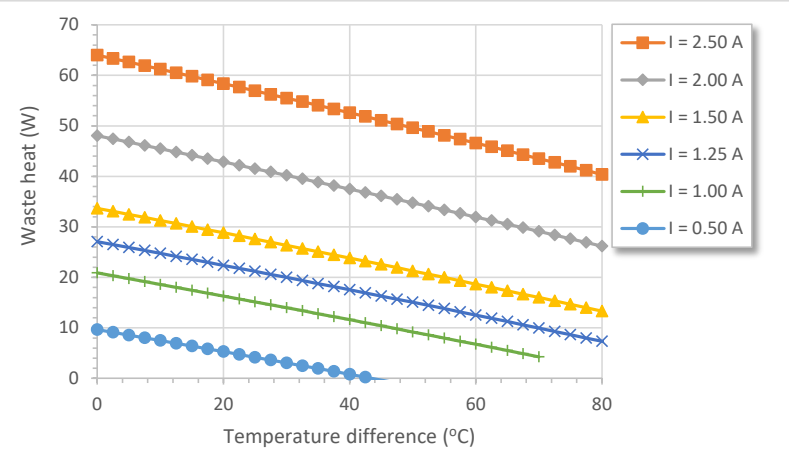


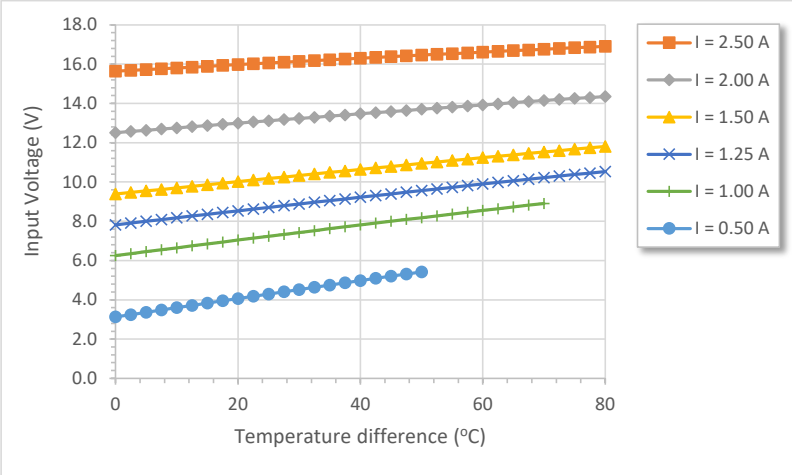


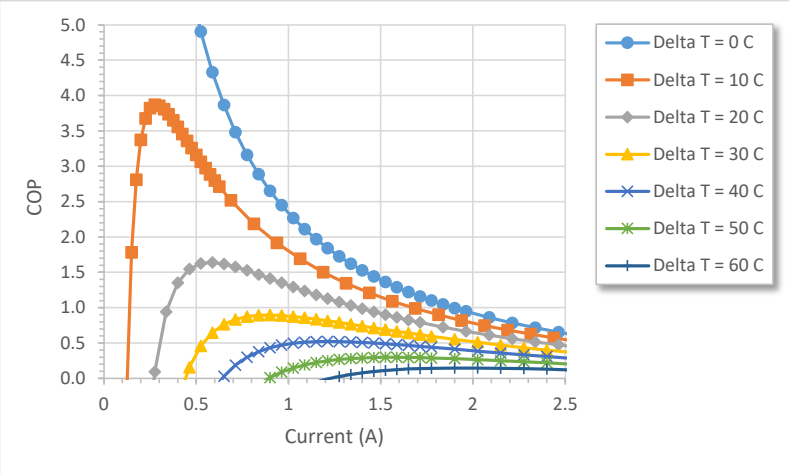


Data sheet - At hot side temperature 50°C









Data sheet - At hot side temperature 75°C