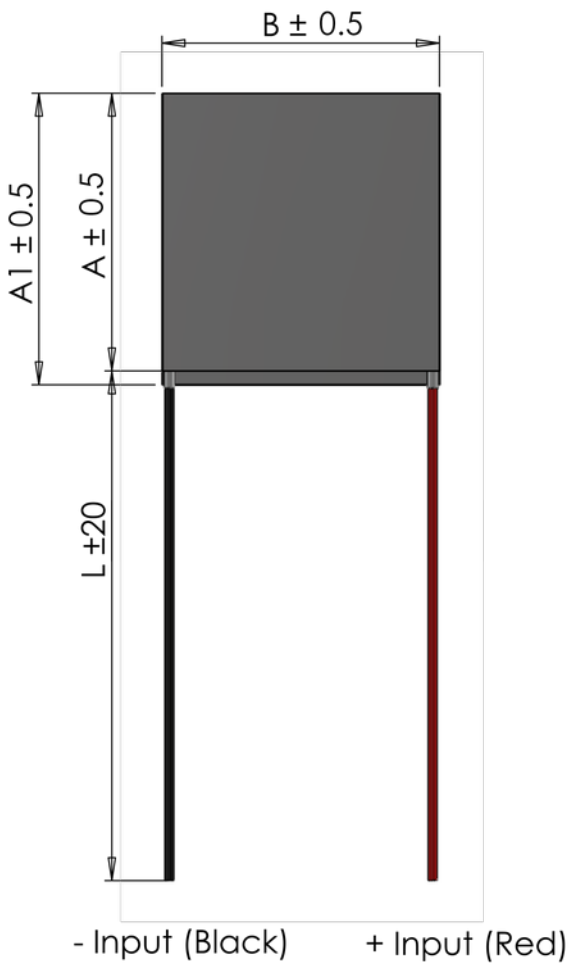
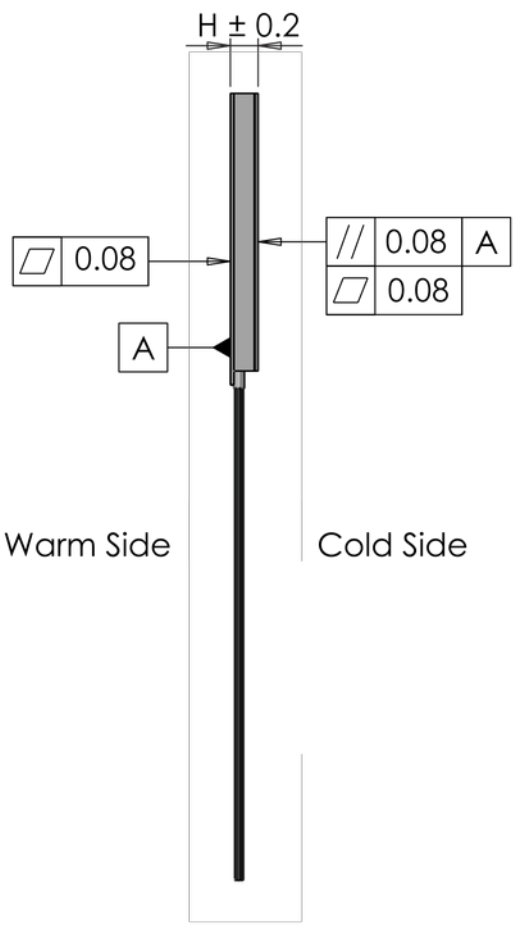
ADV-127-140170-S

Thermoelectric cooler module single stage

Data sheet





Imax	[A]	5
Vmax	[Vdc]	15.4
Pc max	[W]	42.8
ΔTmax	[°C]	65
Max hot side temp.	[°C]	80
A	[mm]	40
B	[mm]	40
H	[mm]	3.9
L	[mm]	350
Wire	AWG	20
Sealant		Silicone

(At hot side temperature Th = 25°C / 298K, 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 given for best long term performance.
Max mounting pressure: 1.5MPa.
Wires: UL 1694 insulation PVC max. 105°C

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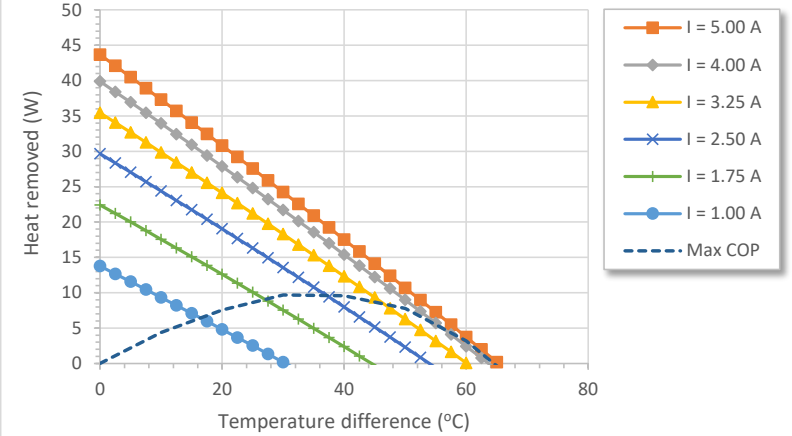
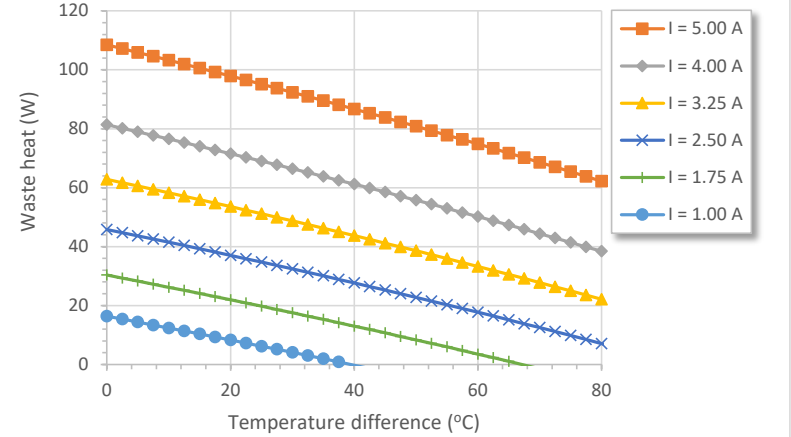
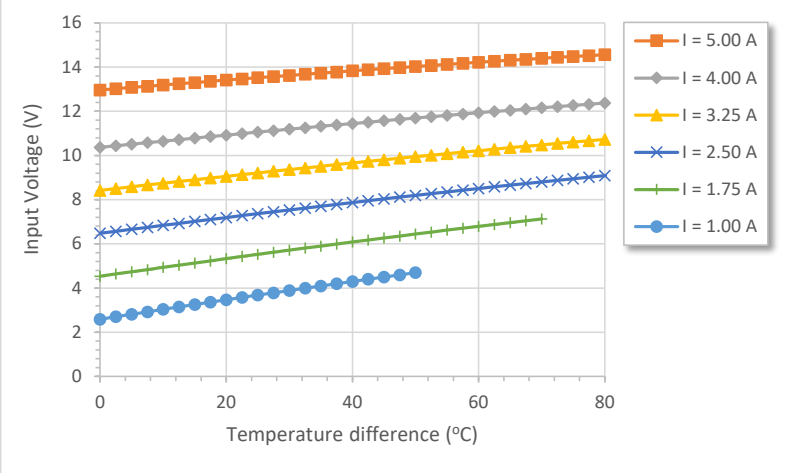
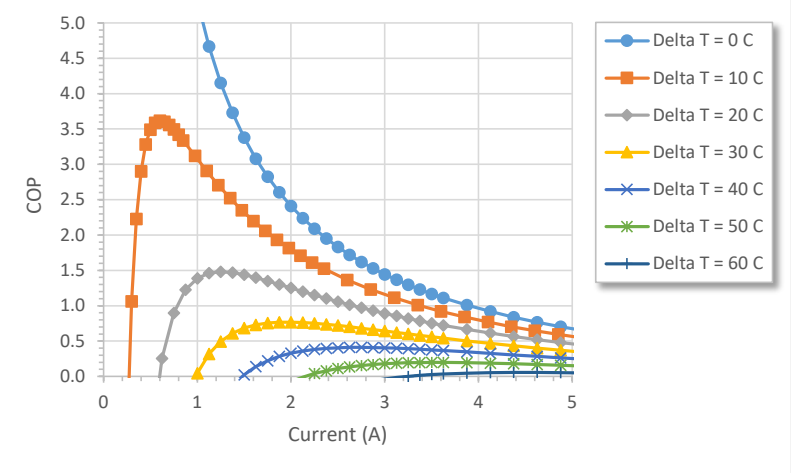
Web: www.europeanthermodynamics.com.com Tel: +44(0)116 279 6899 E-mail: info@etdyn.com

Data sheet - At hot side temperature 25°C

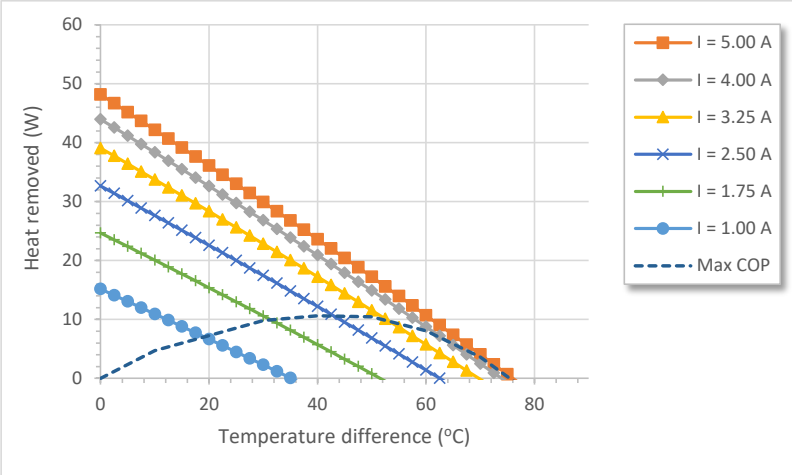


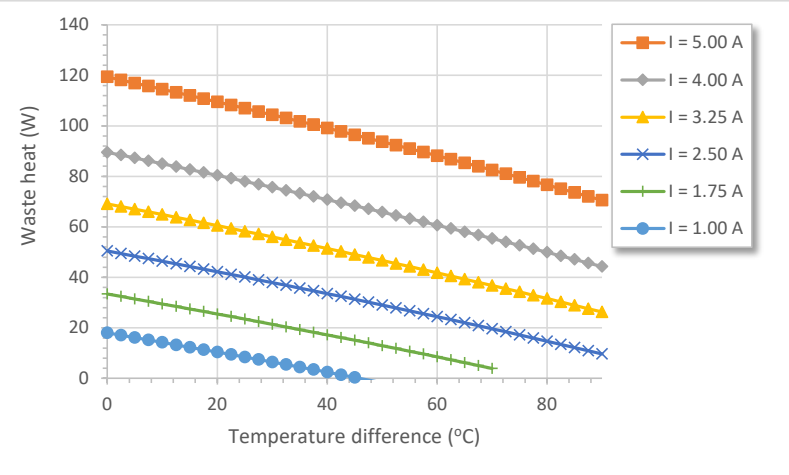


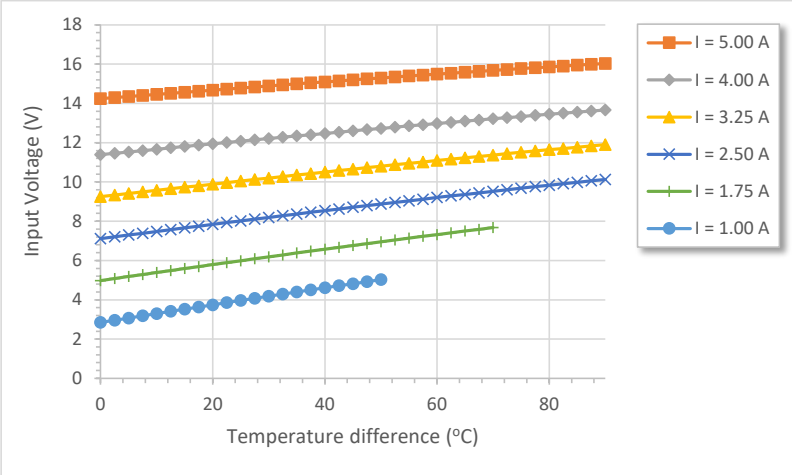


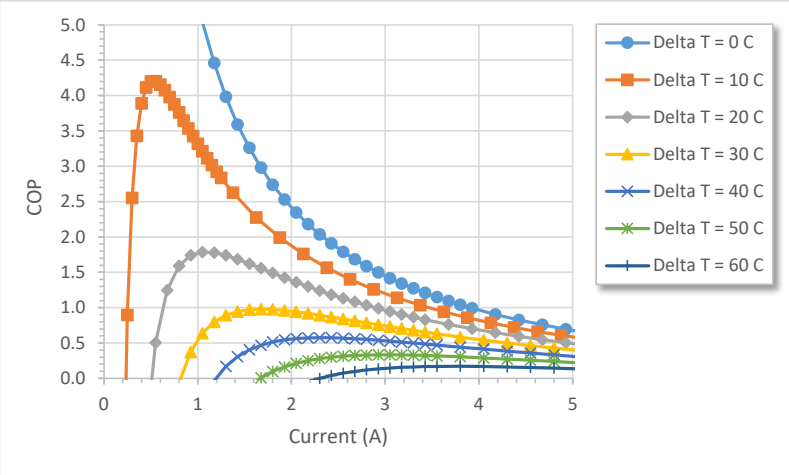


Data sheet - At hot side temperature 50°C









Data sheet - At hot side temperature 75°C

