

Features

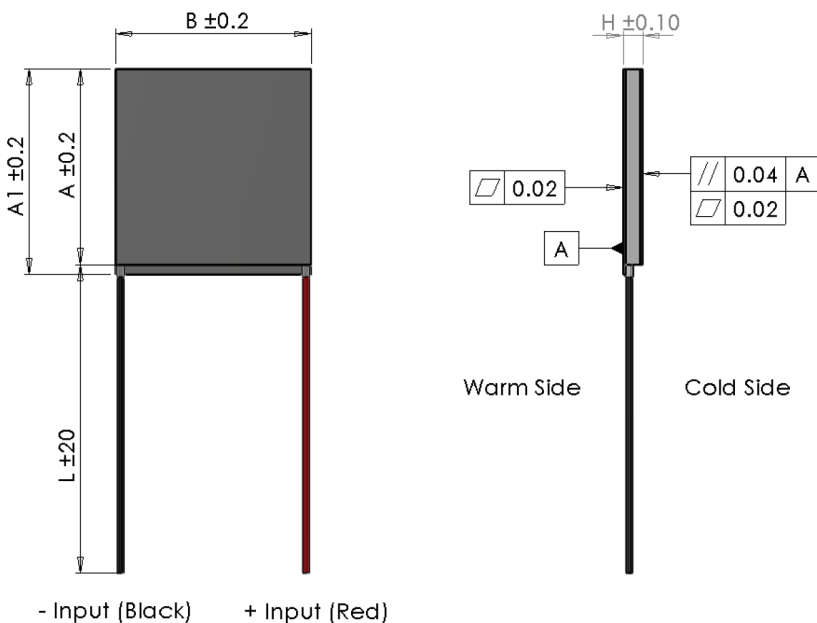
- Solid-state reliability
- Suitable for temperature cycling applications
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments

Specification

I _{max}	[A]	3.8
V _{max}	[Vdc]	14.7
P _c max	[W]	36
ΔT _{max}	[°C]	66
A	[mm]	30
A1	[mm]	34
B	[mm]	30
H	[mm]	3.3
L	[mm]	100

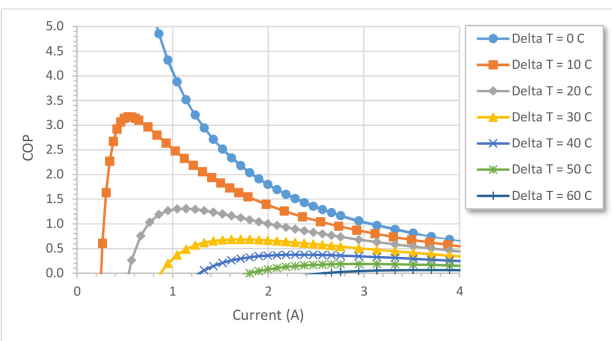
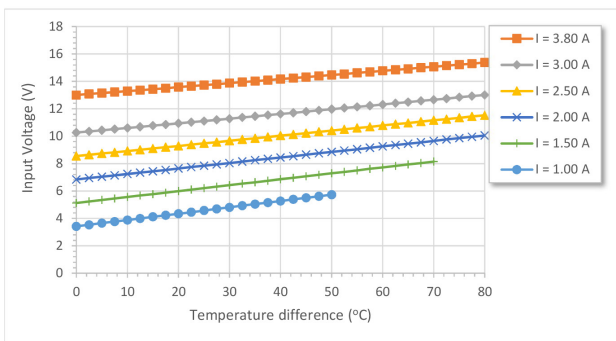
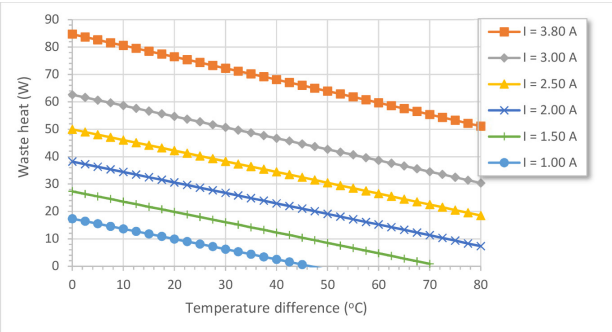
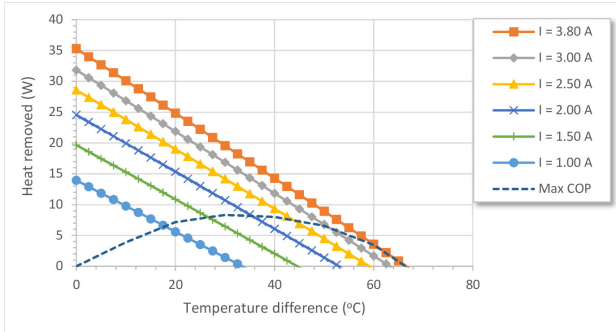
- (At hot side temperature Th = 27°C / 300K, under dry N2)
- P_c max = Cooling power at ΔT = 0 and I = I_{max}
- ΔT_{max} = Temperature difference at I = I_{max} and P_c = 0
- Max hot side temperature Th = 90°C for best long term performance
- Unsealed
- Max mounting pressure: 1.5MPa
- Wires: PVC UL1569, 300V, 105°C

Outline Drawing

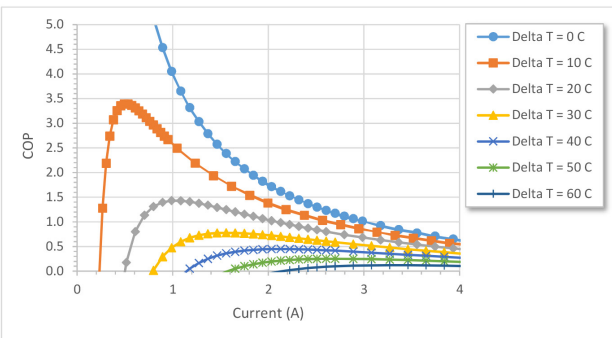
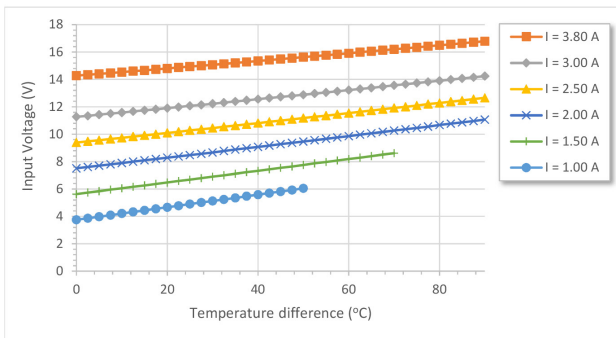
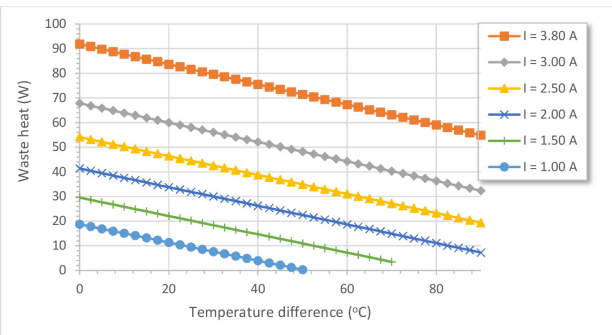
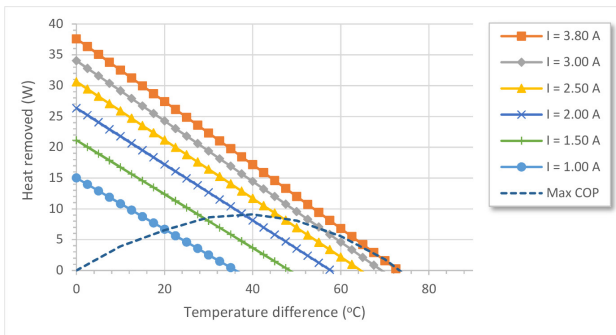


Dimensions : Millimetres

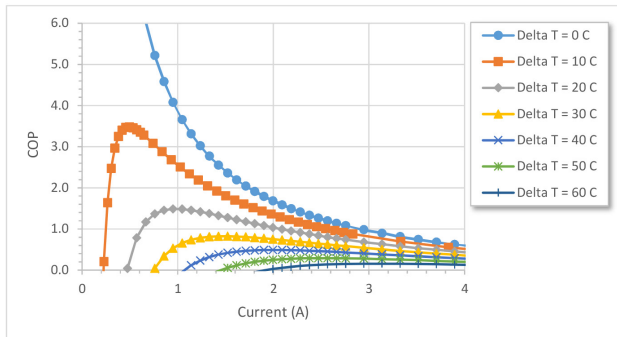
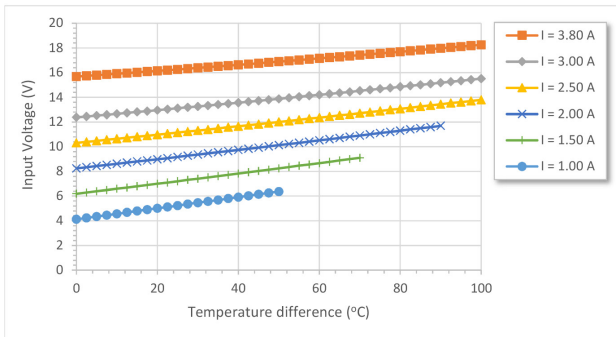
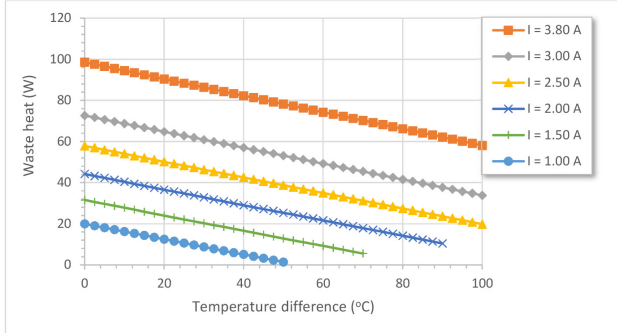
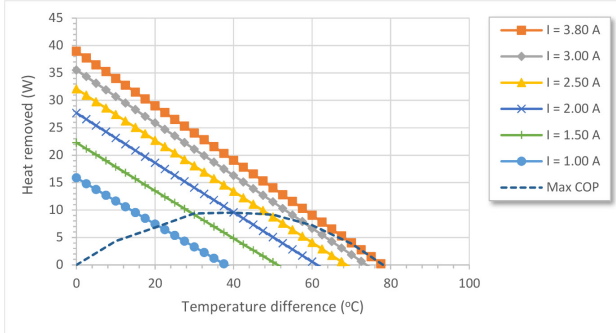
At hot side temperature 25°C



At hot side temperature 50°C



At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler Module, 36W, 14.7VDC, 3.8A	MP008857

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