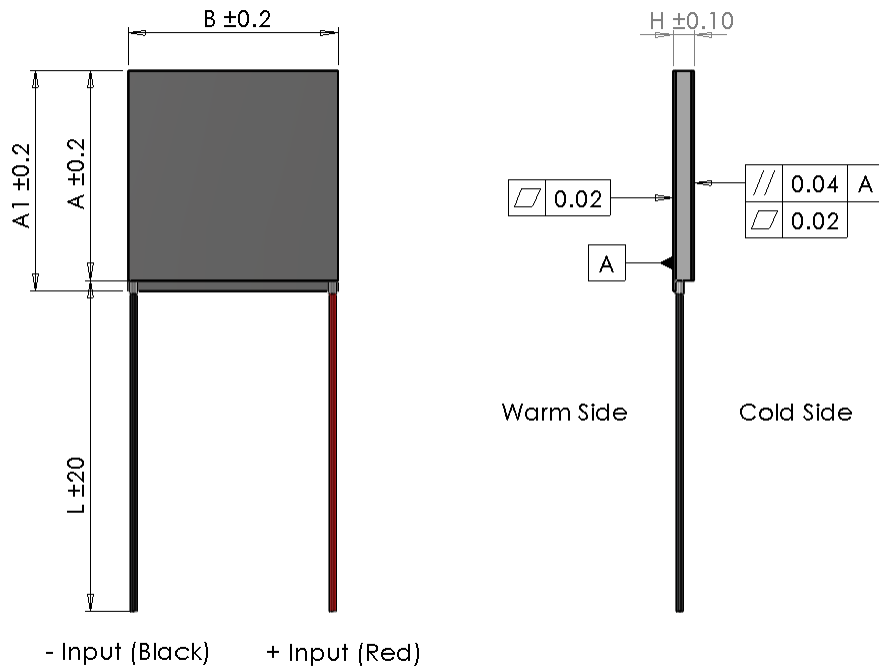


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Peltier Cooler Module

Data sheet



I_{max}	[A]	7.4
V_{max}	[Vdc]	3.5
$P_c \text{ max}$	[W]	16.9
ΔT_{max}	[°C]	64
A	[mm]	20
A1	[mm]	24.4
B	[mm]	20
H	[mm]	3.7
L	[mm]	100

- (At hot side temperature $T_h = 27^\circ\text{C} / 300\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature $T_h = 90^\circ\text{C}$ for best long term performance
- Unsealed
- Max mounting pressure: 1.5MPa
- Wires: PVC UL1569, 300V, 105 °C

Features

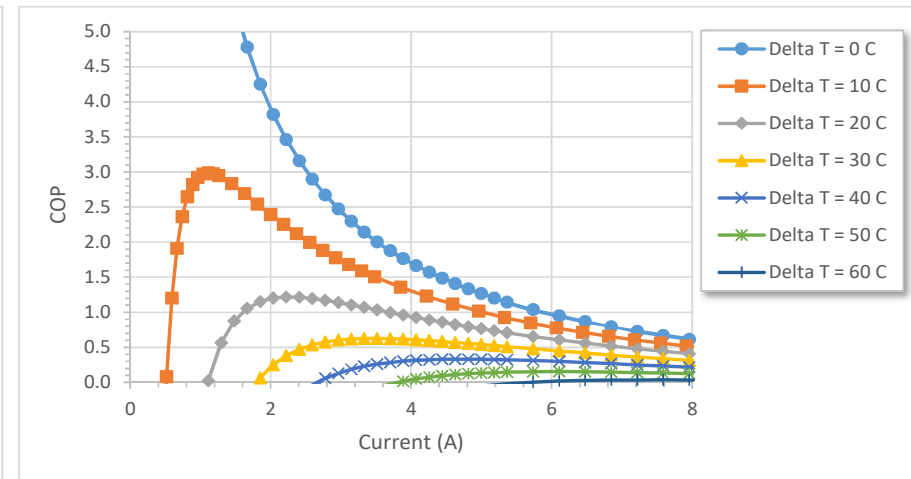
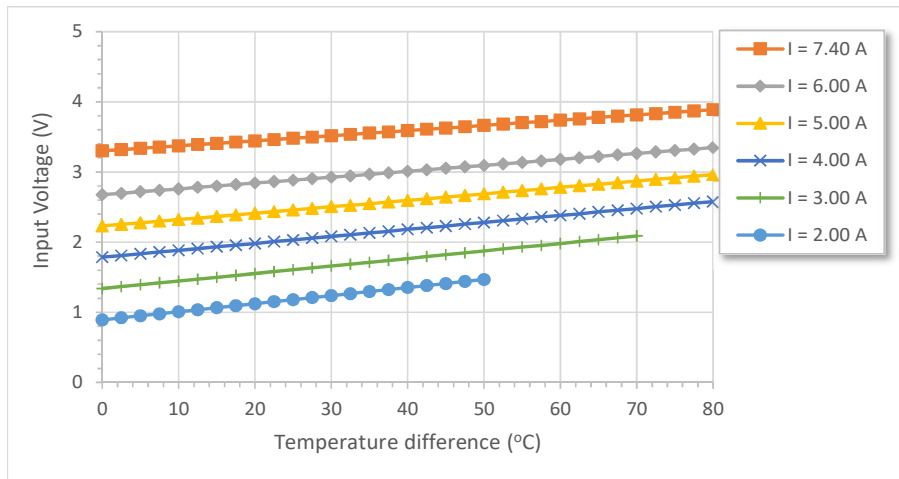
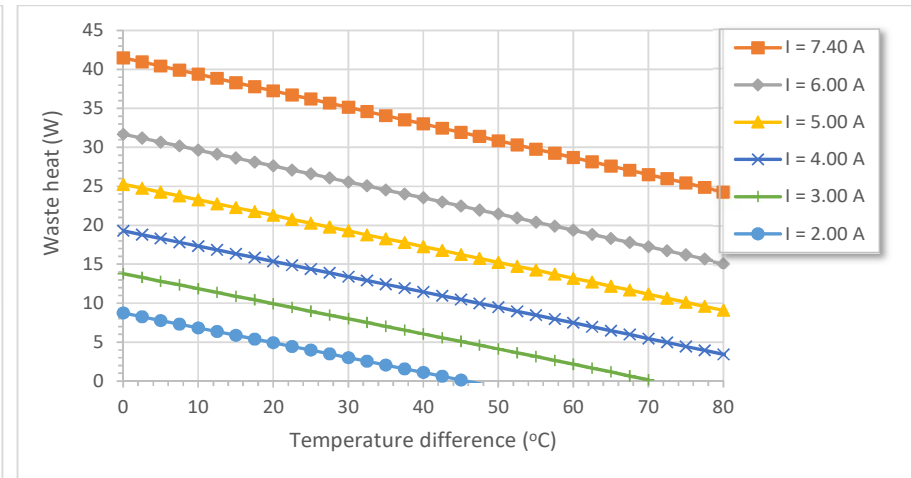
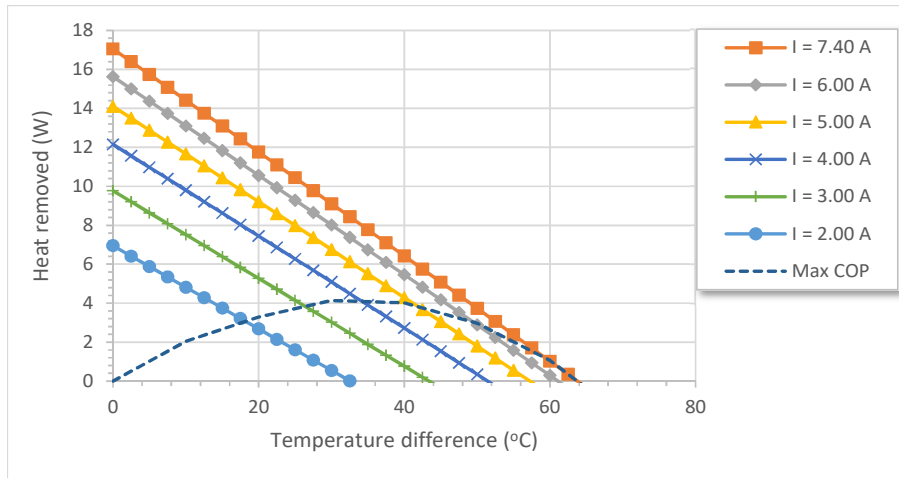
- Solid-state reliability
- Suitable for temperature cycling applications
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments



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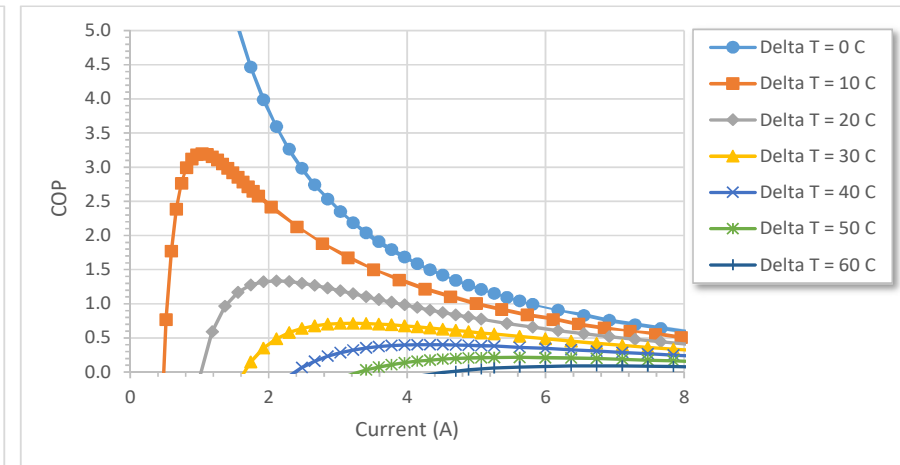
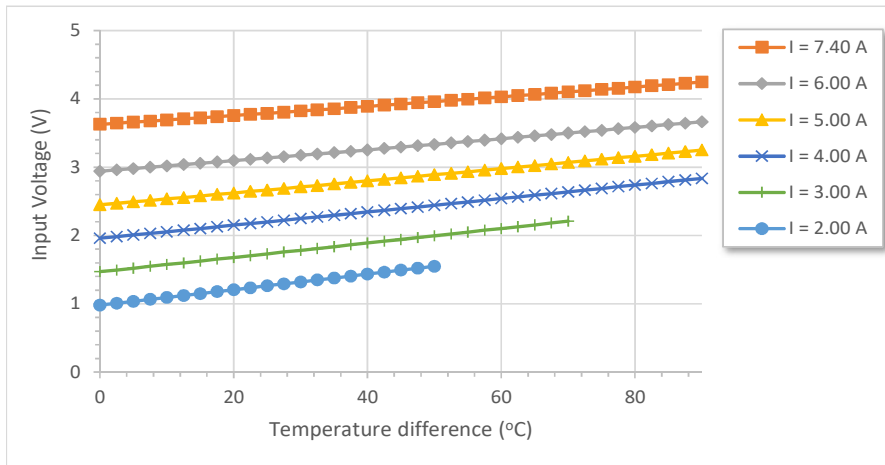
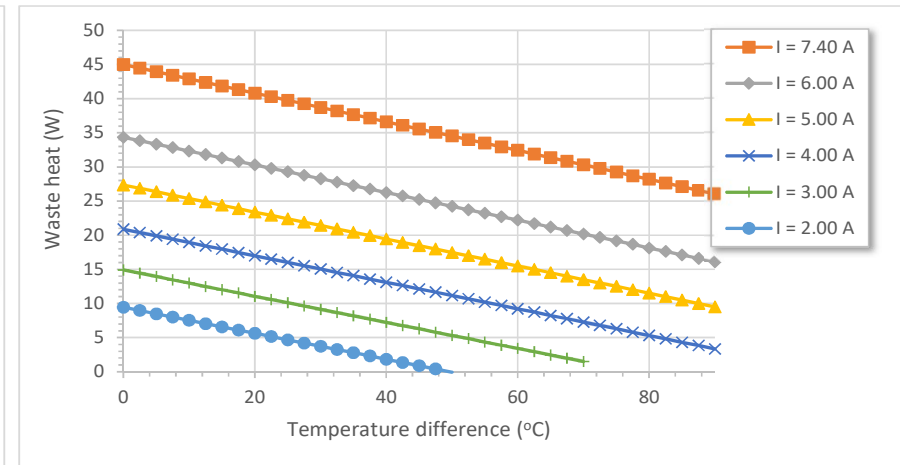
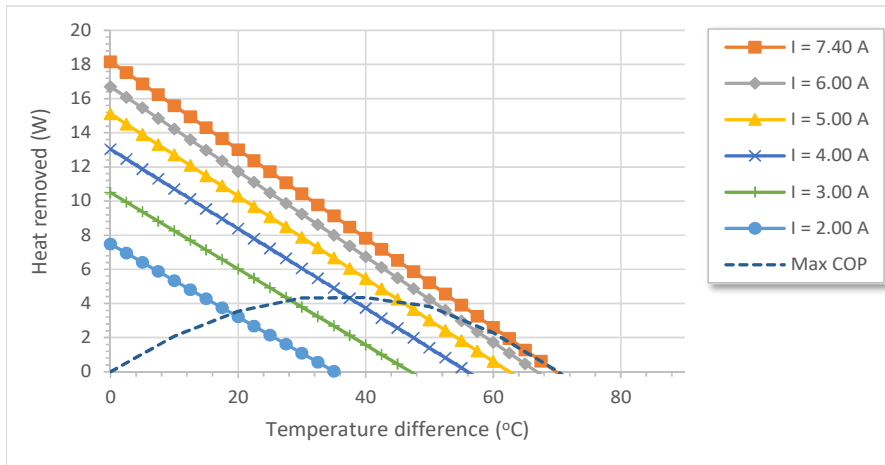
Data sheet - At hot side temperature 25°C



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Peltier Cooler Module

Data sheet - At hot side temperature 50°C



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Peltier Cooler Module

Data sheet - At hot side temperature 75°C

