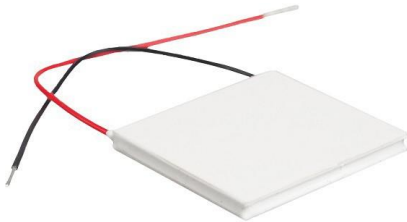


Peltier Cooler Module

Single Stage, 127 Couples, 15.4V DC, 34.2W

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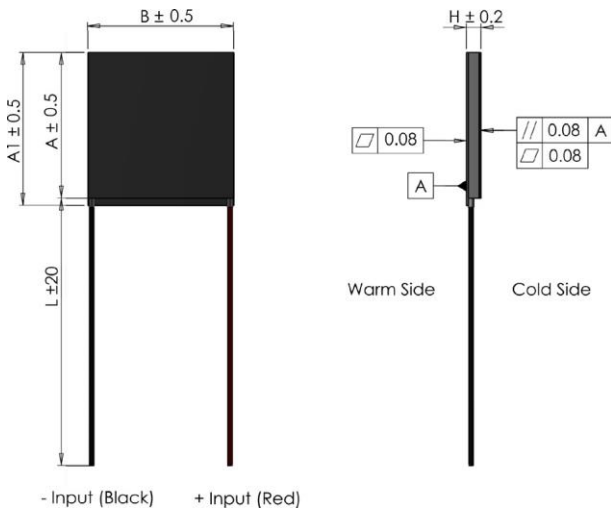
RoHS
Compliant



Electric Characteristics

I_{max}	: 4A
V_{max}	: 15.4V DC
$P_c \text{ max}$: 34.2W
ΔT_{max}	: 65°C
Sealed	: Silicone
Max Hot Side Temp.	: 80°C
Min Hot Side Temp	: -40°C

Diagram



Dimensions

A	: 40mm
B	: 40mm
H	: 4.2mm
L	: 350mm

Notes

- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, 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
- Max mounting pressure: 1.5MPa
- Wires: AWG 20 UL 1674 insulation PVC max. 105°C

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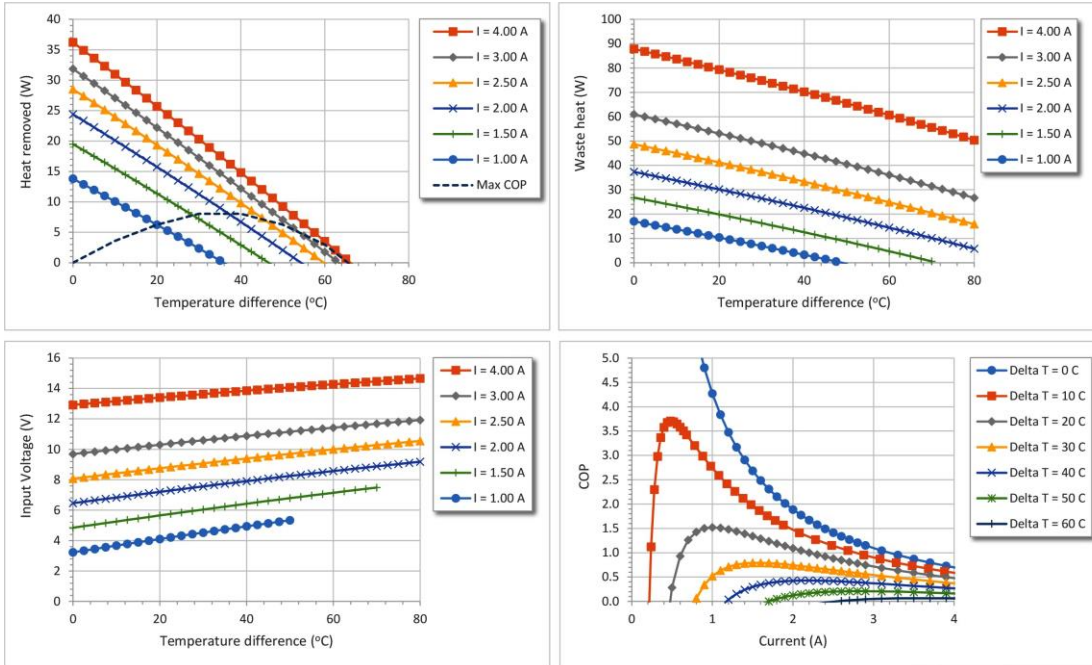
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Peltier Cooler Module

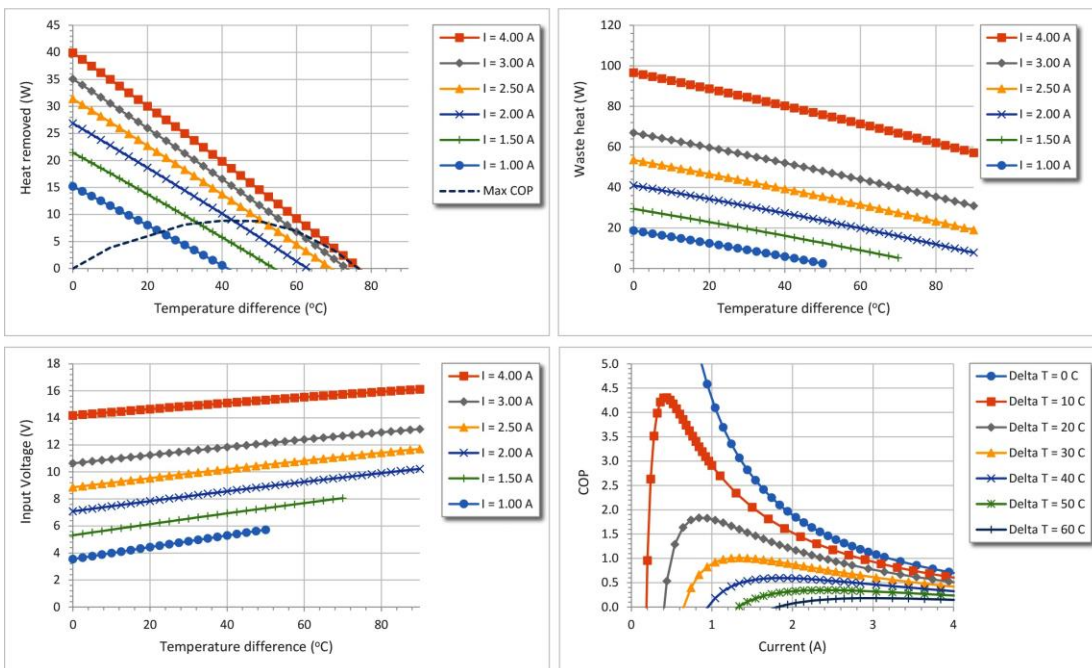
Single Stage, 127 Couples, 15.4V DC, 34.2W

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At hot side temperature 25°C



At hot side temperature 50°C



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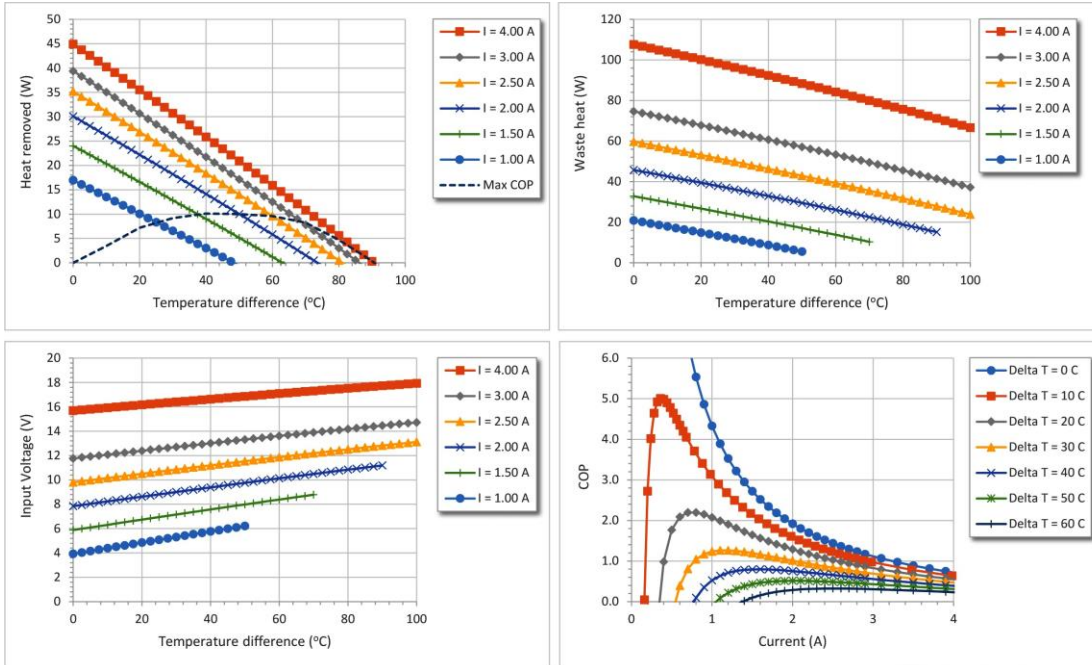
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Peltier Cooler Module

Single Stage, 127 Couples, 15.4V DC, 34.2W



At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler Module, 127 Couples, 15.4V DC, 34.2W, 4A, 65°C	MPADV-127-135200-S

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