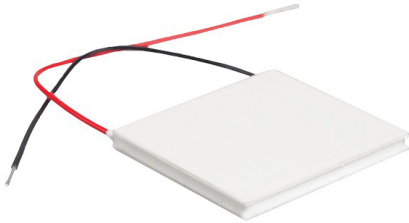


Peltier Cooler Module

Single Stage, 127 Couples, 15.4V DC, 68.5W

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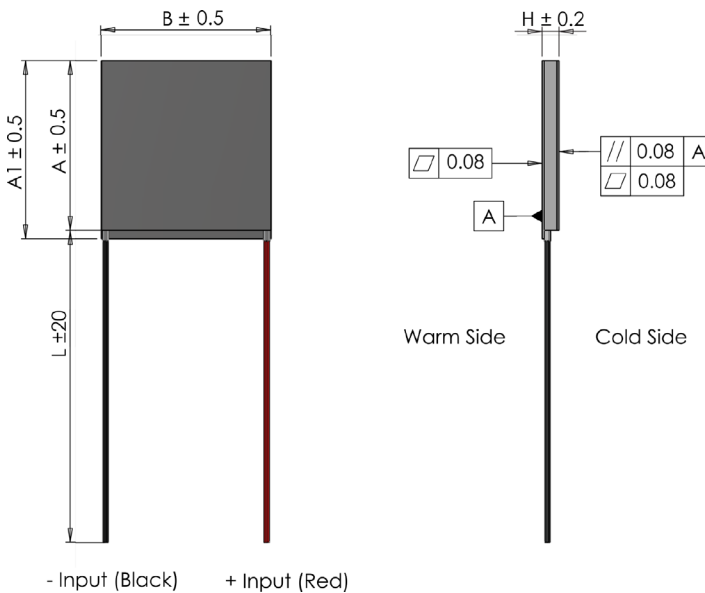
**RoHS
Compliant**



Electric Characteristics

I_{max}	: 8A
V_{max}	: 15.4V DC
$P_c \text{ max}$: 68.5W
ΔT_{max}	: 65°C
Max Hot Side Temp.	: 80°C
Wire	: 20 AWG
Sealant	: Silicone

Diagram



Dimensions

A	: 40mm
B	: 40mm
H	: 3.5mm
L	: 350mm

Notes

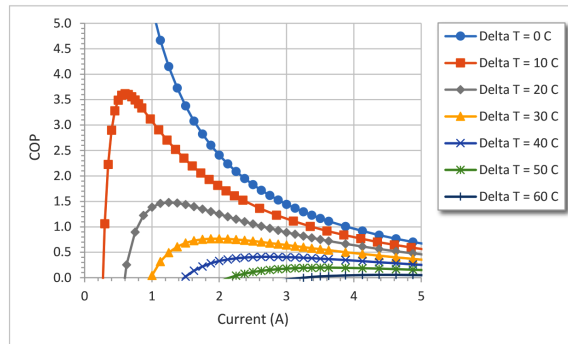
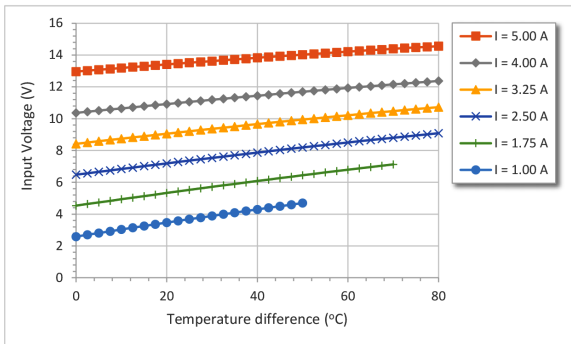
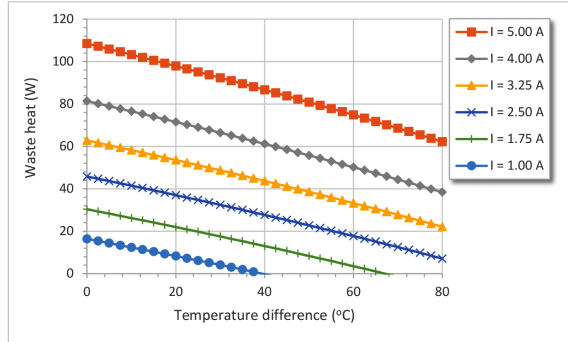
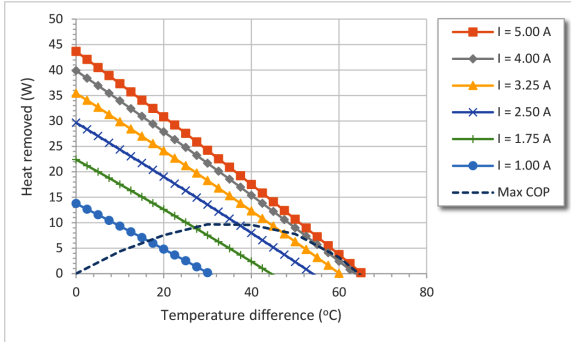
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature given for best long term performance.
- Max mounting pressure: 1.5MPa
- Wires: UL 1674 insulation PVC max. 105°C

Peltier Cooler Module

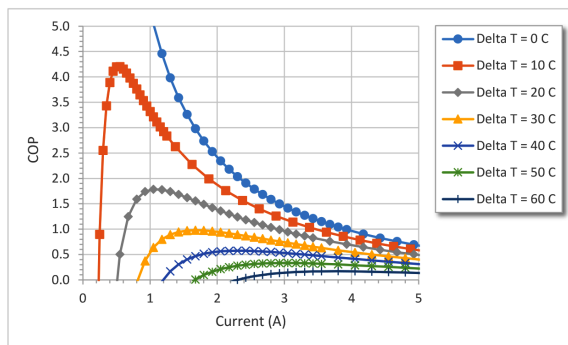
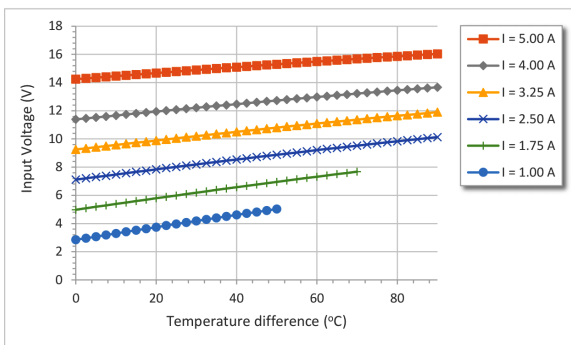
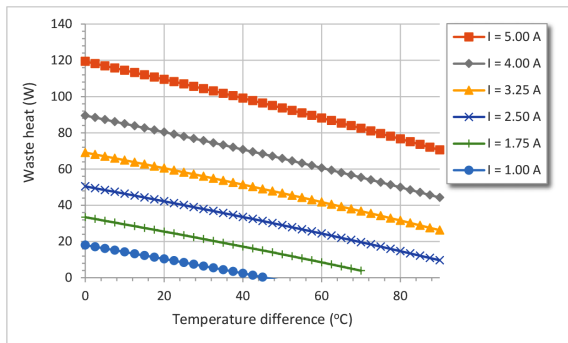
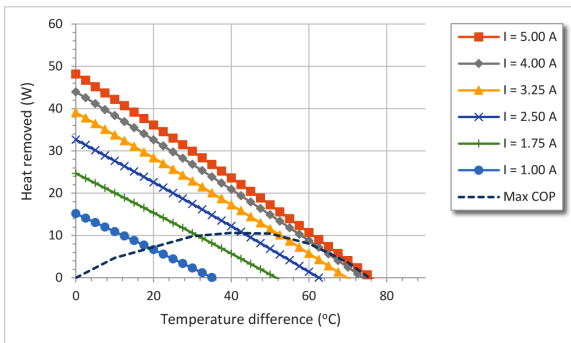
Single Stage, 127 Couples, 15.4V DC, 68.5W

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At hot side temperature 25°C



At hot side temperature 50°C



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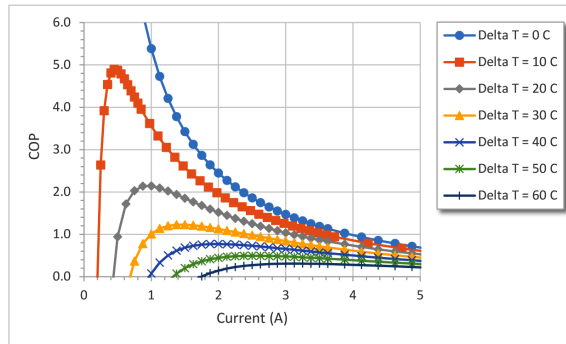
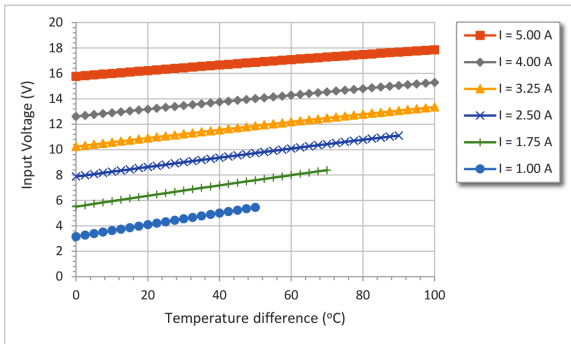
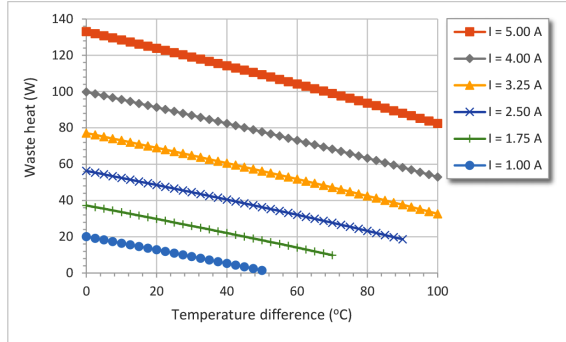
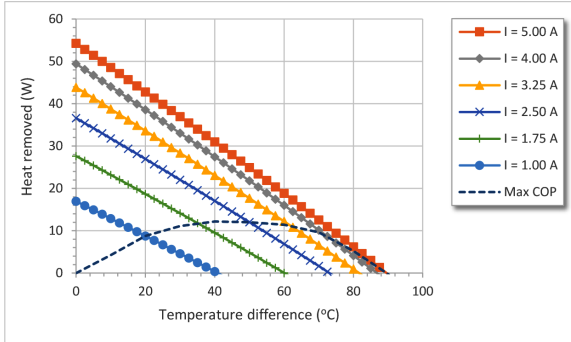
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Peltier Cooler Module

Single Stage, 127 Couples, 15.4V DC, 68.5W

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At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler Module, 127 Couples, 15.4V DC, 68.5W, 8A, 65°C	MPADV-127-150135-S

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