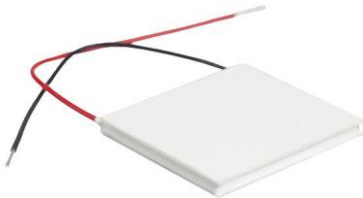


Peltier Cooler Module

127 Couples, 15.8V DC, 77W

multicomp **PRO**

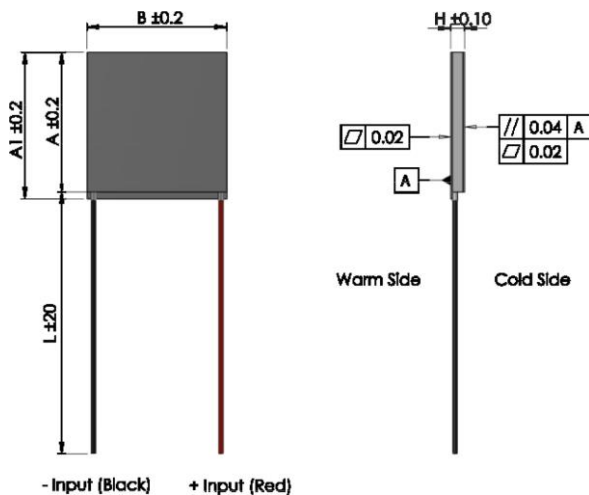
RoHS
Compliant



Electric Characteristics

I_{max}	: 9.2A
V_{max}	: 15.8V DC
$P_c \text{ max}$: 77W
ΔT_{max}	: 70°C

Diagram



Dimensions

A	: 40mm
A1	: 40mm
B	: 40mm
H	: 3.8mm
L	: 100mm

Notes

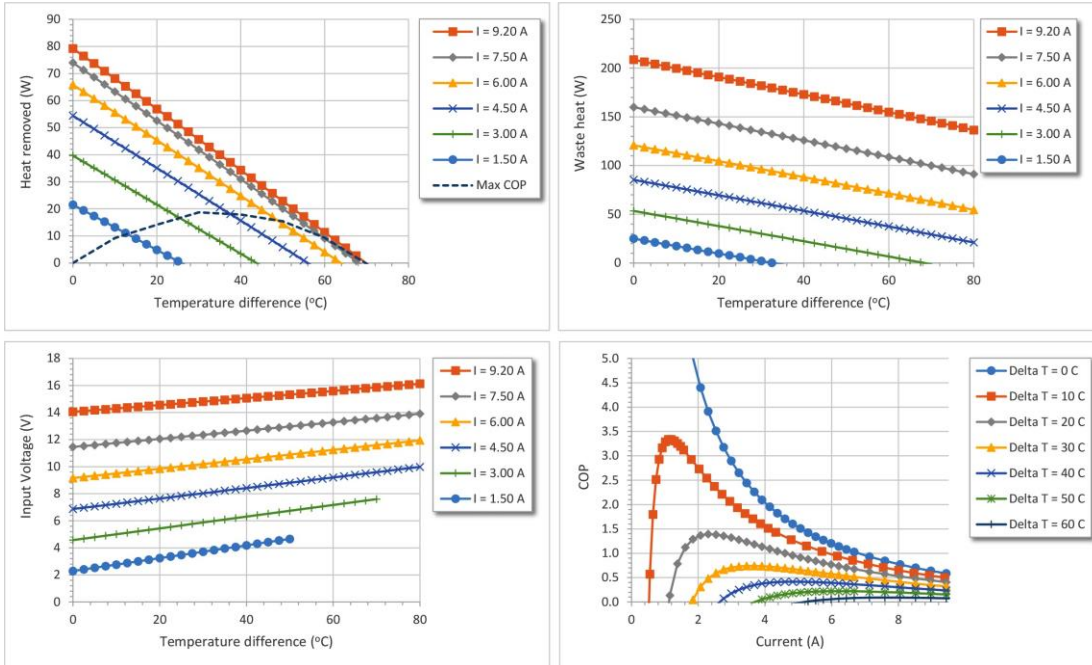
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{max}$
- ΔT_{max} = Temperature difference at $I = I_{max}$ and $P_c = 0$
- Max hot side temperature $T_h = 150^\circ\text{C}$ for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: PFA PTFE wire, 600V, -60 to +250°C

Peltier Cooler Module

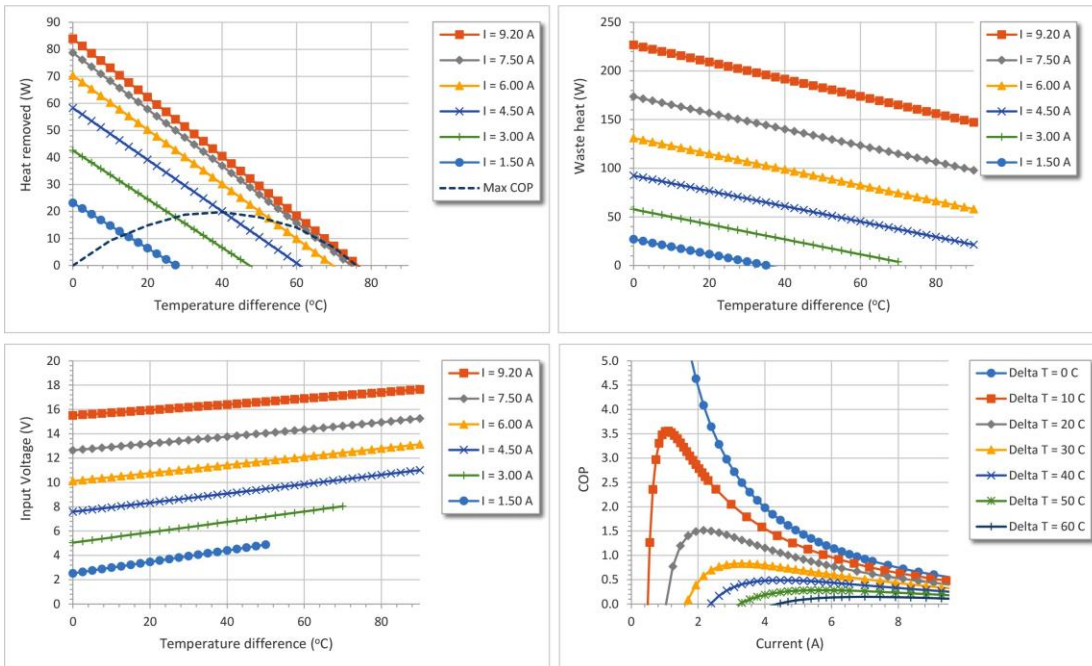
127 Couples, 15.8V DC, 77W



At hot side temperature 25°C



At hot side temperature 50°C

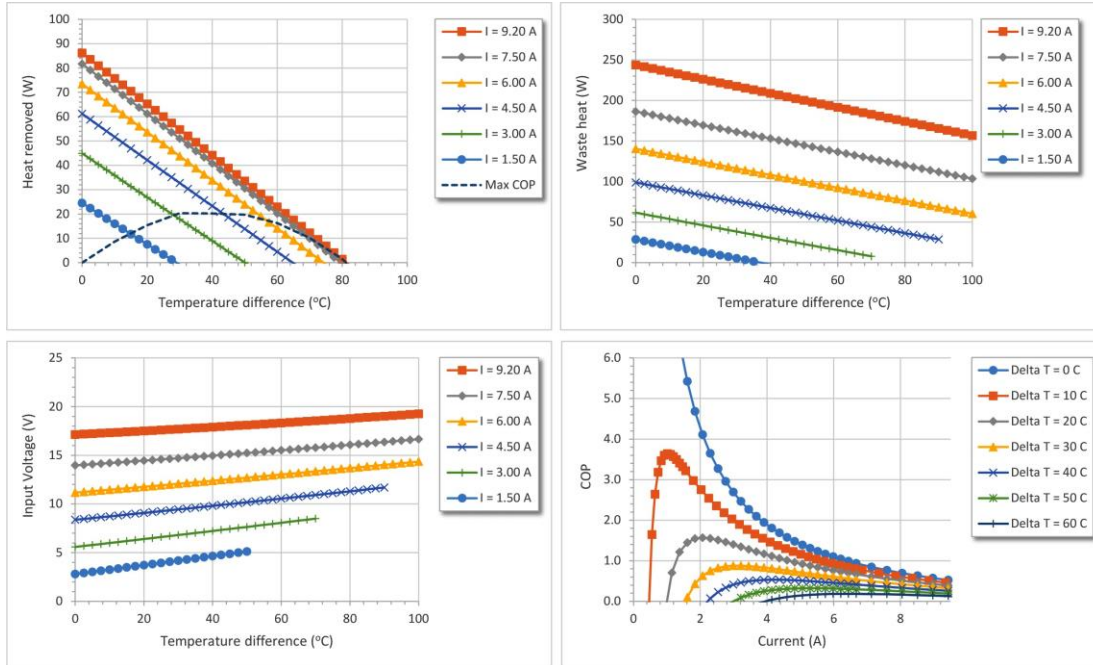


Peltier Cooler Module

127 Couples, 15.8V DC, 77W



At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler Module (Thermoelectric Cooler Module), 127 Couples, 15.8V DC, 77W, 9.2A, 70°C	MPETH-127-14-11-S-H1

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