Peltier Cooler Module 63 Couples, 7.9V DC, 18W



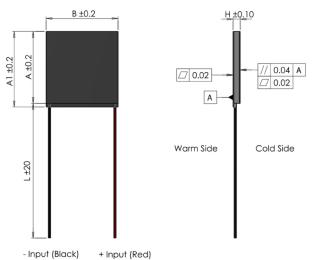
RoHS Compliant



Electric Characteristics

 $\begin{array}{lll} \text{Imax} & : 4\text{A} \\ \text{Vmax} & : 7.9\text{V DC} \\ \text{Pc max} & : 18\text{W} \\ \Delta \text{Tmax} & : 73^{\circ}\text{C} \\ \end{array}$

Diagram



Dimensions

A : 30mm
AI : 30mm
B : 15mm
H : 3.6mm
L : 100mm

Notes

- (At hot side temperature Th = 25°C / 298K, under dry N₂)
- Pc max = Cooling power at ΔT = 0 and I = Imax
- ΔTmax = Temperature difference at I = Imax and Pc = 0
- Max hot side temperature Th = 90°C for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: UL-style 1569, 105°C (Unstripped)

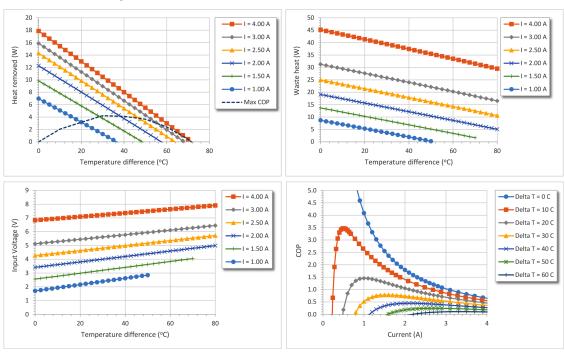




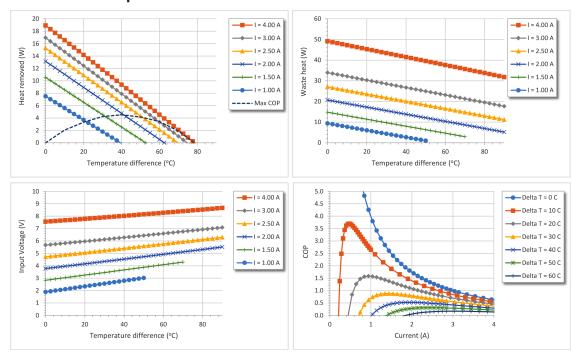
Peltier Cooler Module 63 Couples, 7.9V DC, 18W



At hot side temperature 25°C



At hot side temperature 50°C



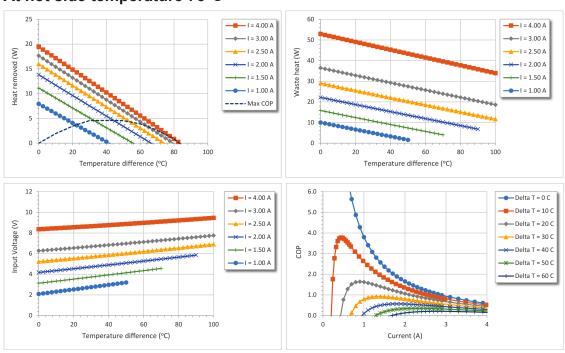
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Peltier Cooler Module 63 Couples, 7.9V DC, 18W



At hot side temperature 75°C



Part Number Table

| Description | Part Number |
|---|-------------------|
| Peltier Cooler Module (Thermoelectric Cooler Module), 63 Couples, 7.9V DC, 18W, 4A, 73°C | MPET-063-10-13-H1 |

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