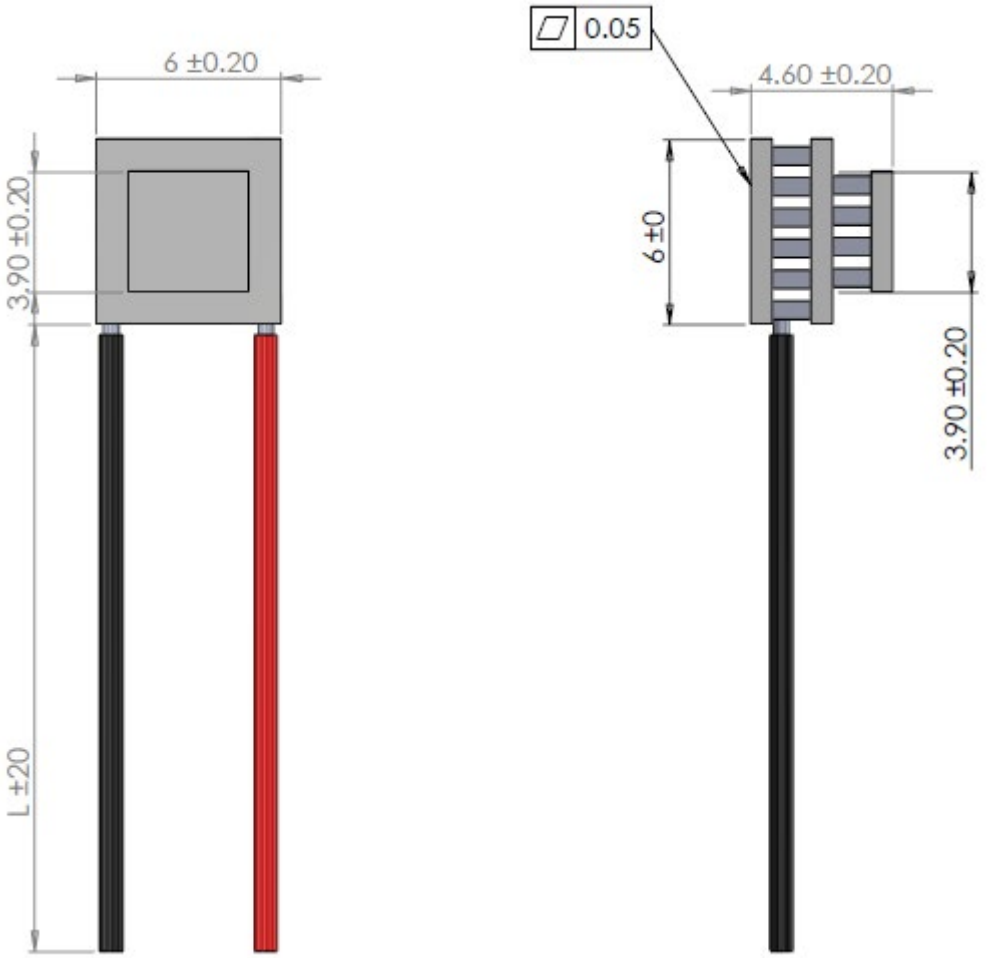
# AP2-024-06-11

## 2-stage, Peltier cooler module

Data sheet




| | | |
|---|---|---|
| Imax | [A] | 1.1 |
| Vmax | [Vdc] | 2.2 |
| Pc max | [W] | 0.8 |
| ΔTmax | [°C] | 92 |
| A | [mm] | 6 |
| A1 | [mm] | 6 |
| B | [mm] | 3.9 |
| B1 | [mm] | 3.9 |
| H | [mm] | 4.6 |
| L | [mm] | 100 |

- (At hot side temperature Th = 25°C / 298K, under dry $N_2$)
- 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)
- Silicone sealed

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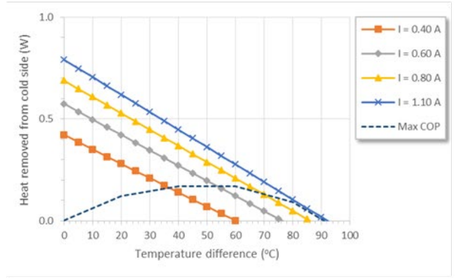
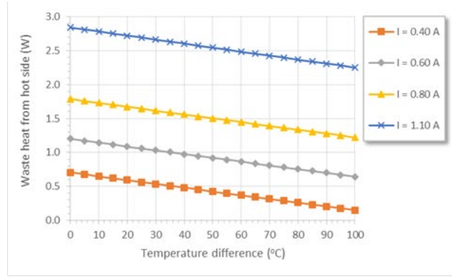
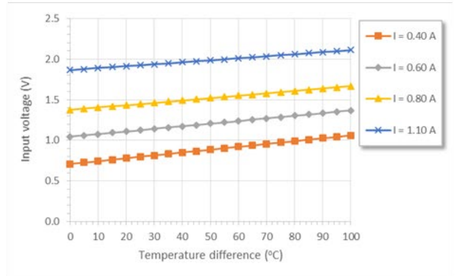
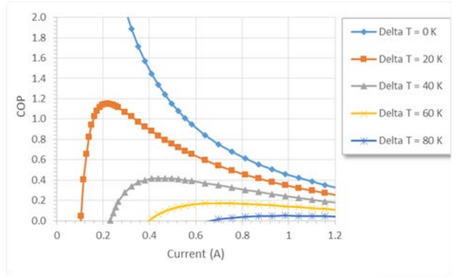
## Data sheet - At hot side temperature 27°C




*Note - Waste heat = Heat out of hot side



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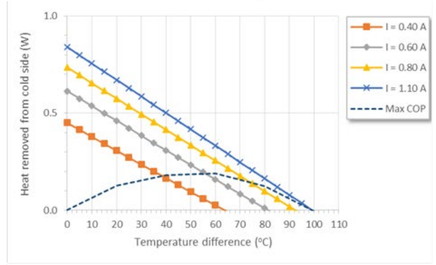
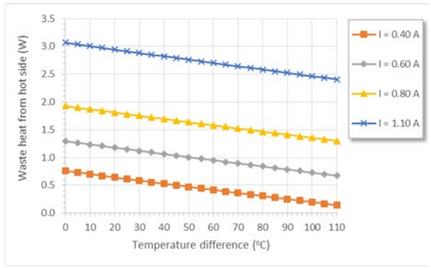
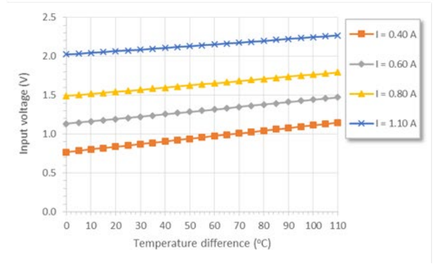
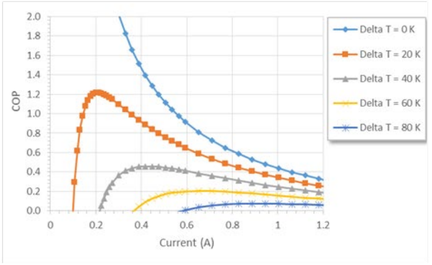
## Data sheet - At hot side temperature 50°C




*Note - Waste heat = Heat out of hot side

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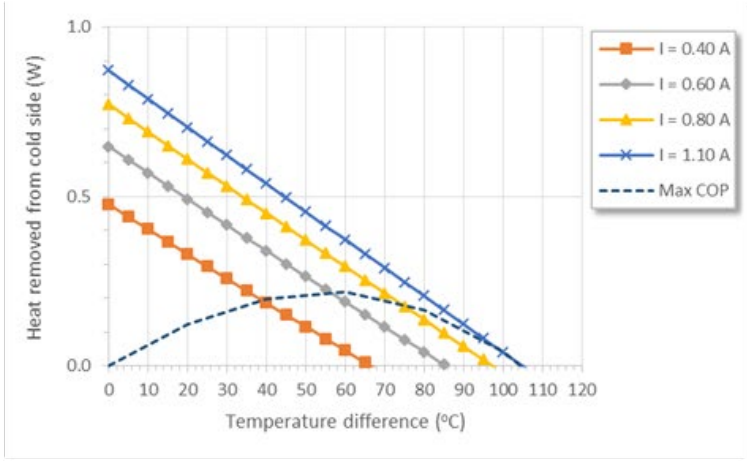
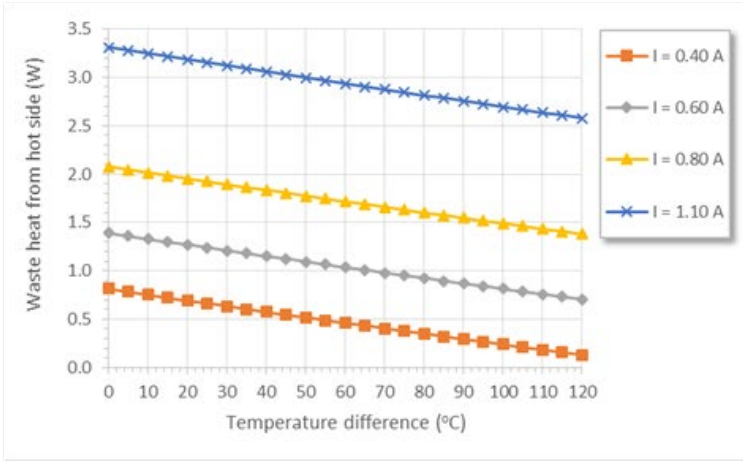
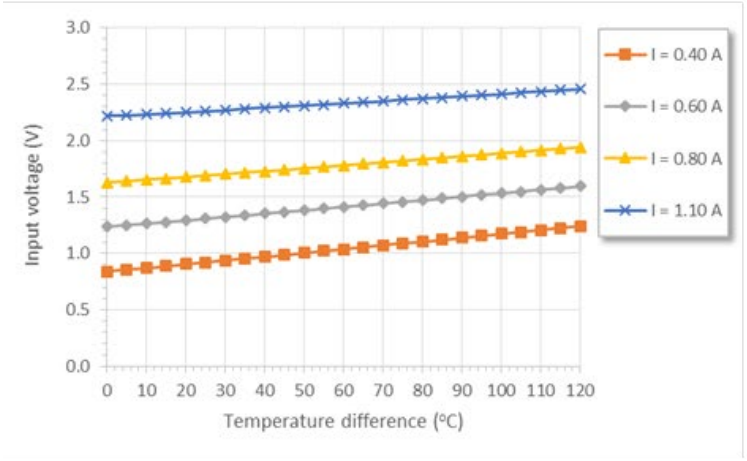
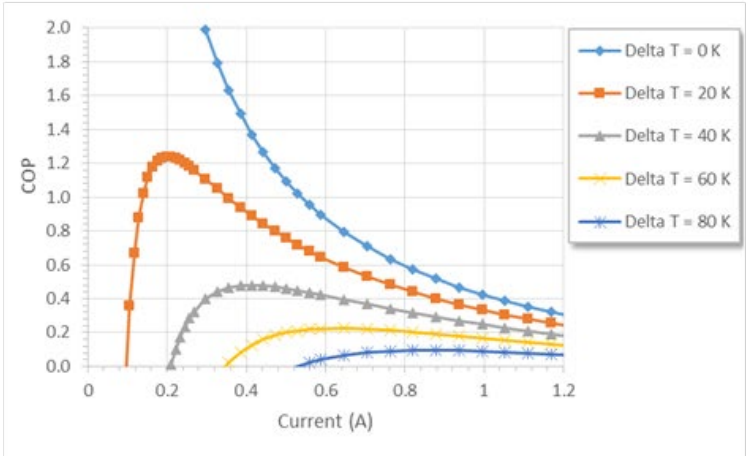
## 2 stage, Peltier cooler module

Data sheet - At hot side temperature 75°C




*Note - Waste heat = Heat out of hot side



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