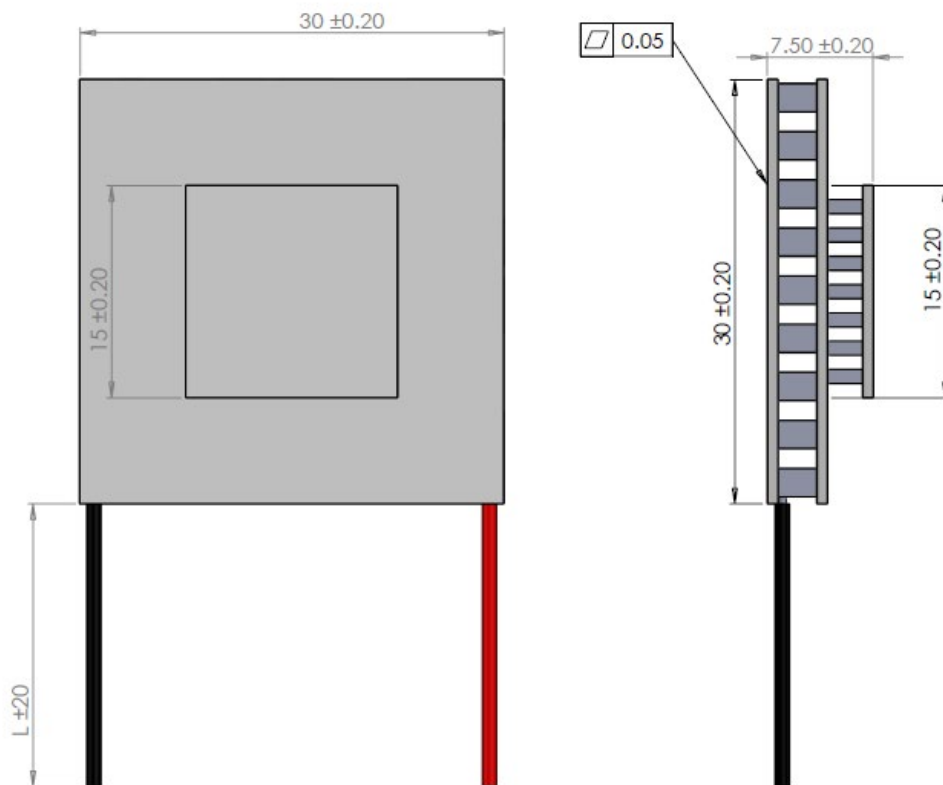


AP2-089-14-15

2-stage, Peltier cooler module

Data sheet



I_{max}	[A]	5.2
V_{max}	[Vdc]	9.0
$P_c \text{ max}$	[W]	9.3
ΔT_{max}	[°C]	95
A	[mm]	30
A1	[mm]	30
B	[mm]	15
B1	[mm]	15
H	[mm]	7.4
L	[mm]	100

- (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: UL-style 1569, 105°C (Unstripped)
- Silicone sealed



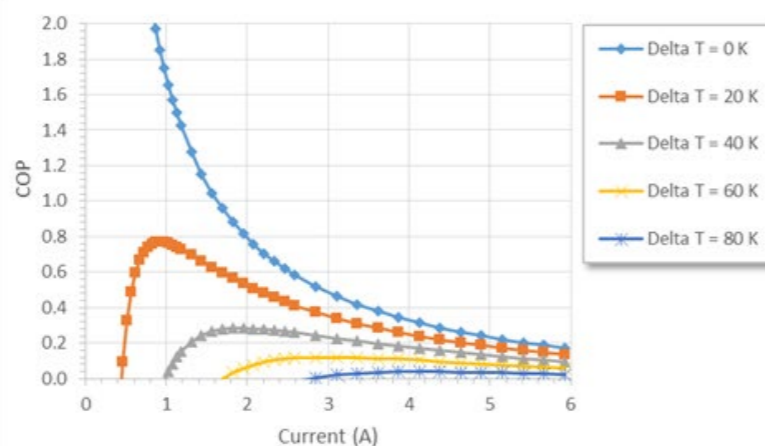
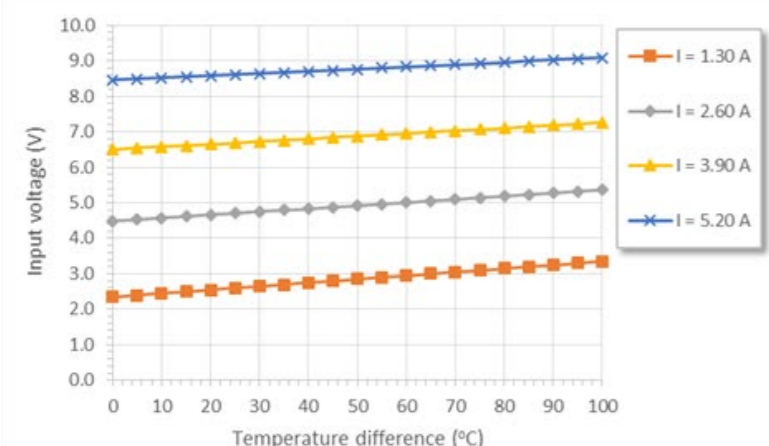
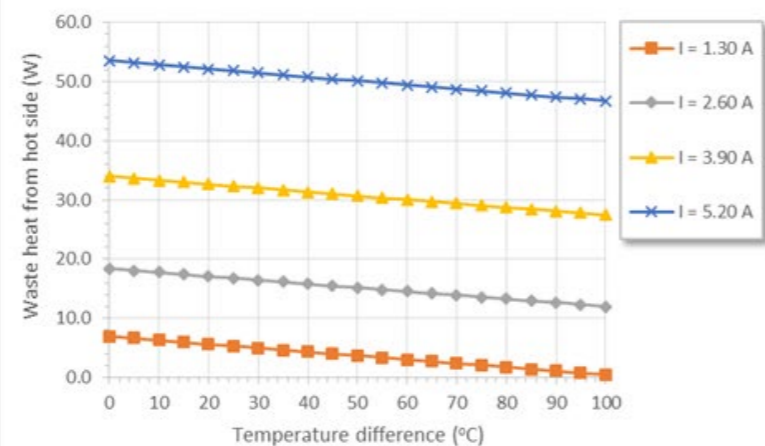
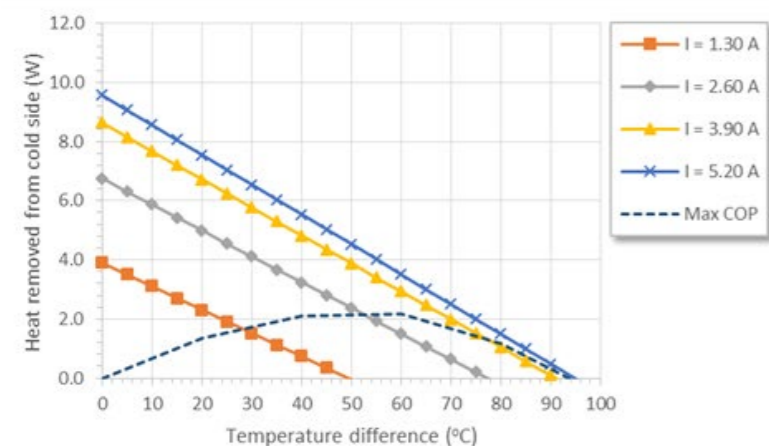
AP2-089-14-15

2 stage, Peltier cooler module

AP2-089-14-15

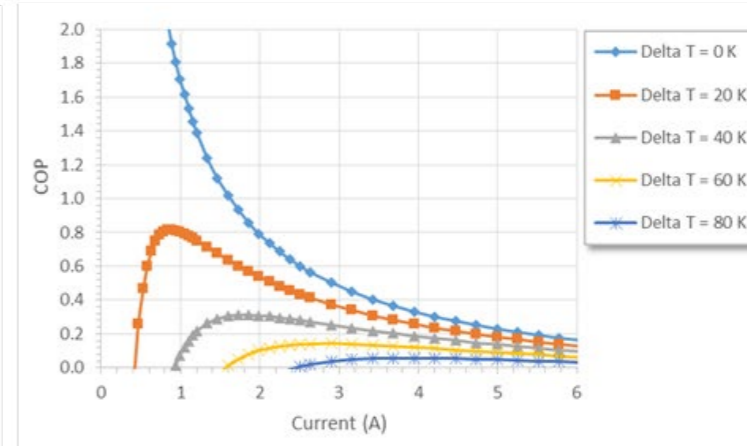
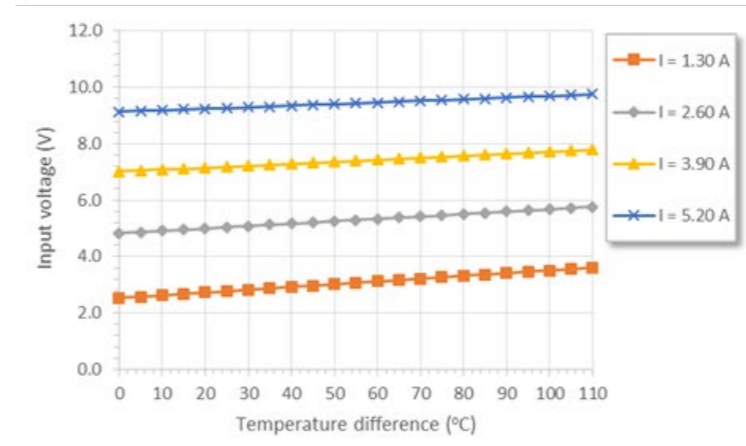
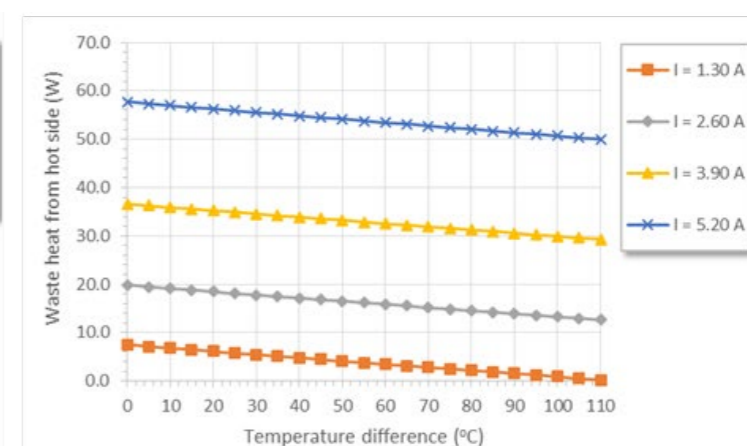
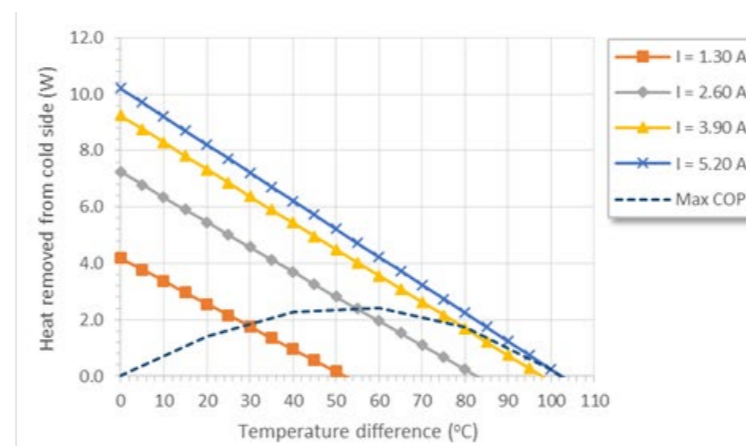
2 stage, Peltier cooler module

Data sheet - At hot side temperature 27°C



*Note - Waste heat = Heat out of hot side

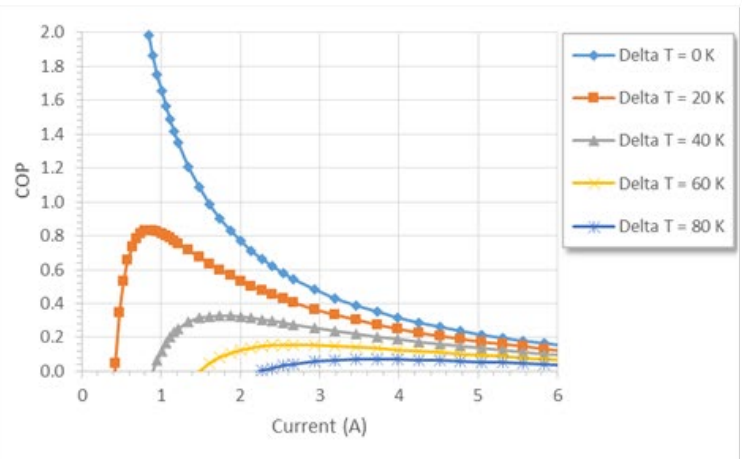
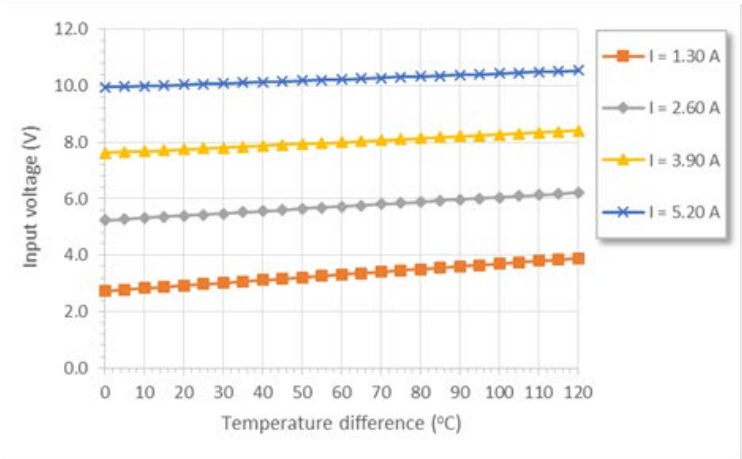
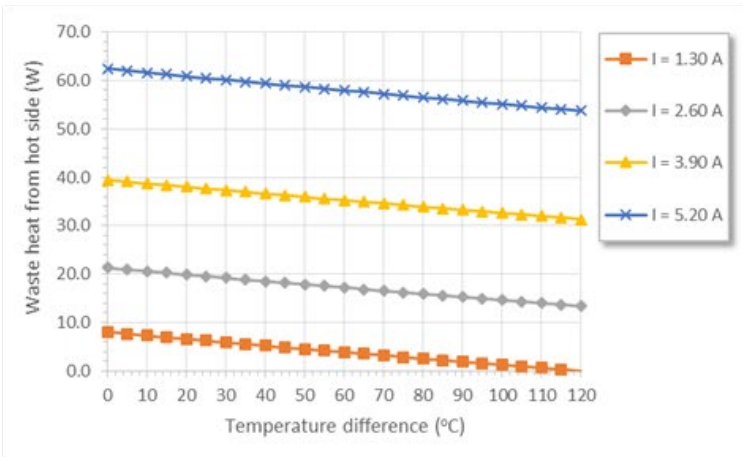
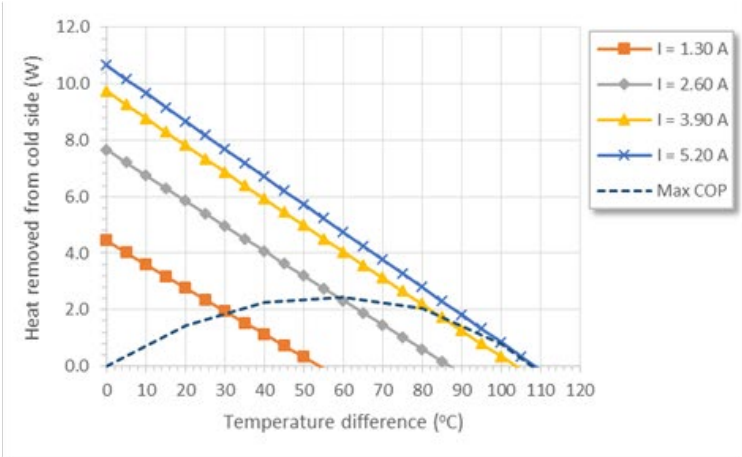
Data sheet - At hot side temperature 50°C



*Note - Waste heat = Heat out of hot side



Data sheet - At hot side temperature 75°C



*Note - Waste heat = Heat out of hot side

