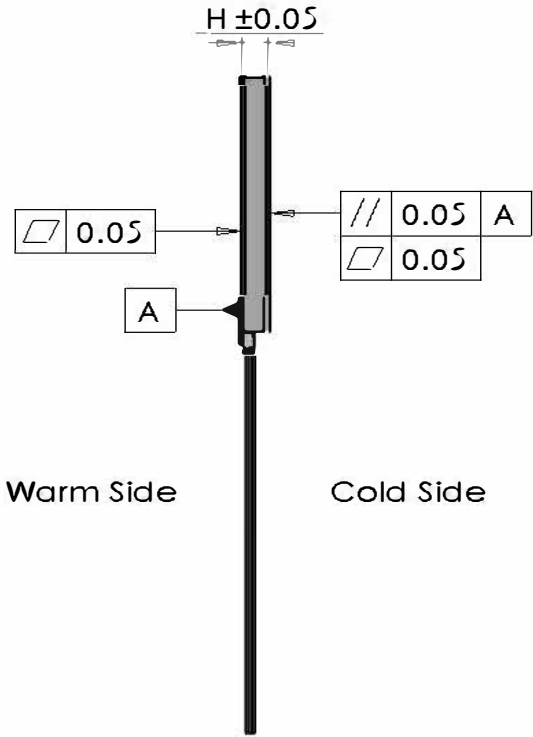
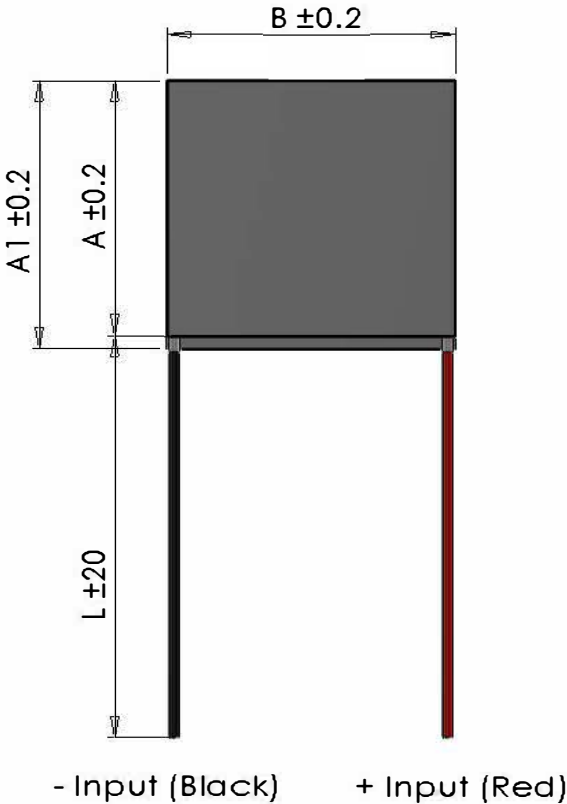


ETH-07I-14-25-S-HI

Thermoelectric cooler module, high temperature

Data sheet



I_{max}	[A]	3.5
V_{max}	[Vdc]	8.6
$P_c \text{ max}$	[W]	20
ΔT_{max}	[°C]	75
Max hot side temp.	[°C]	150
A	[mm]	30
B	[mm]	30
H	[mm]	4.7
Sealant		Silicone
Internal resistance	Ω	1.95

(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 $P_c = 0$.

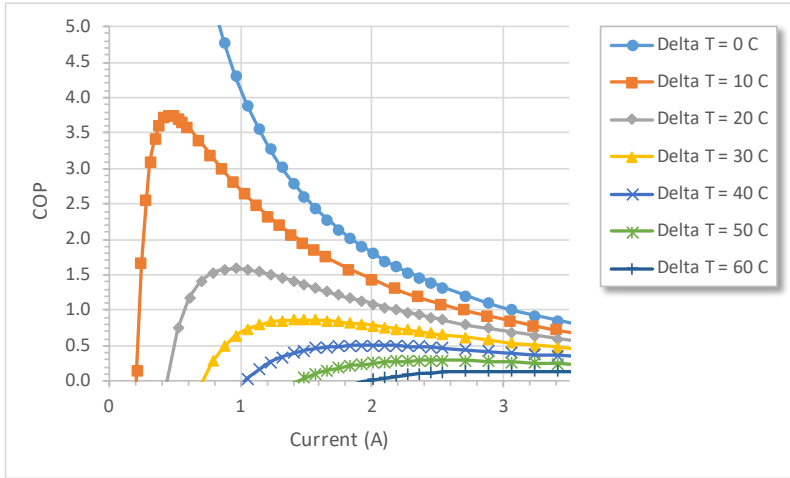
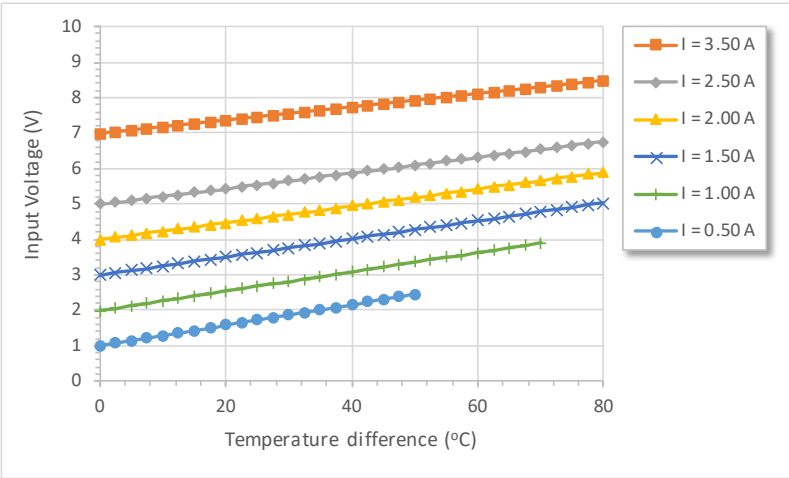
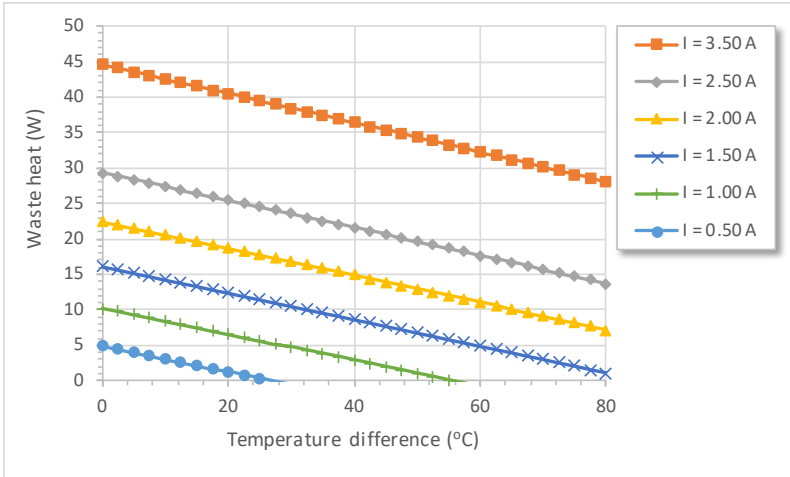
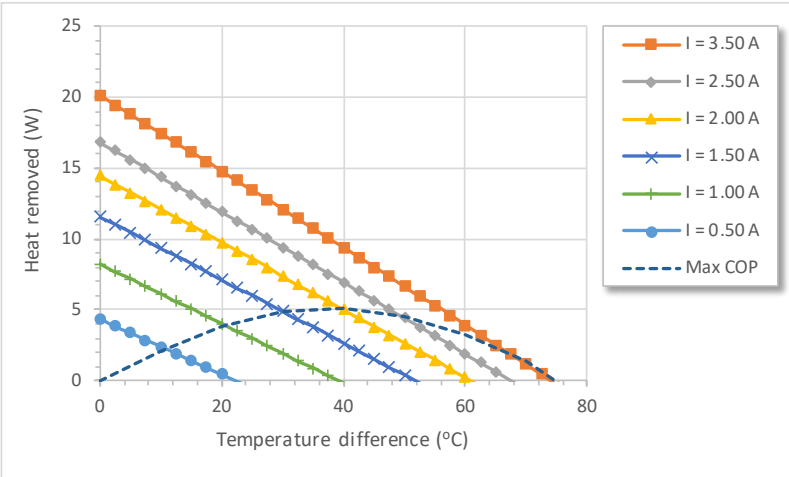
Max hot side temperature given for best long term performance.

Max mounting pressure: 1.5MPa.

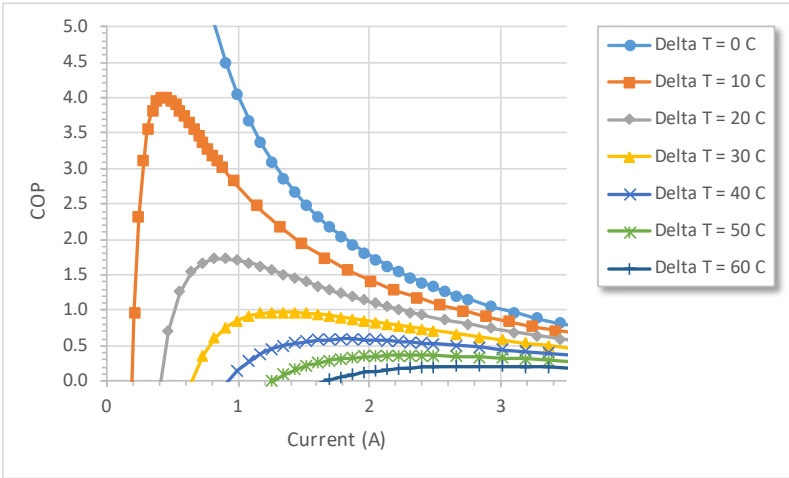
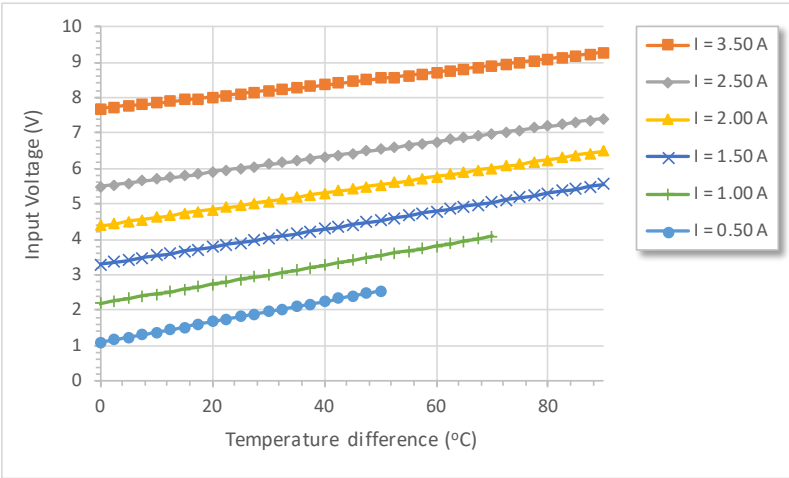
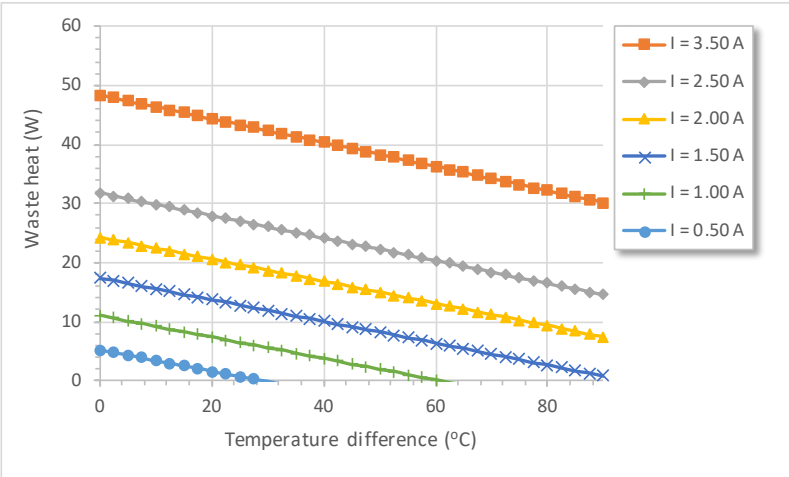
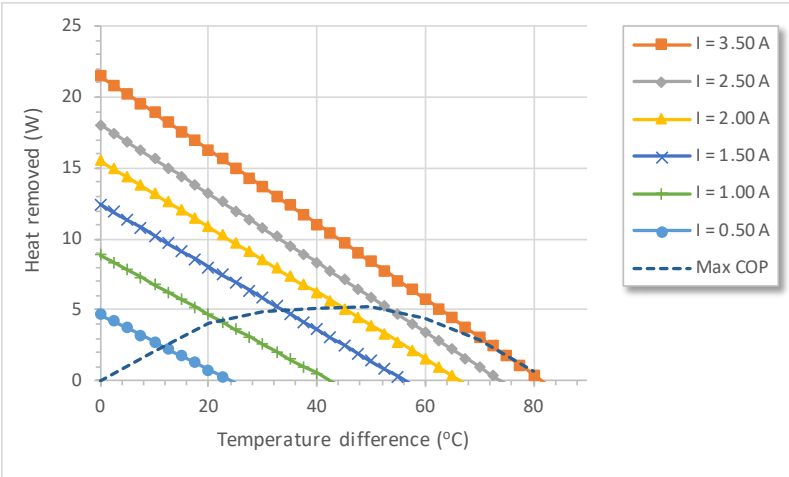
Wires: PTFE UL1213, 600V, -60 to +200 degC



Data sheet - At hot side temperature 25°C



Data sheet - At hot side temperature 50°C



Data sheet - At hot side temperature 75°C

