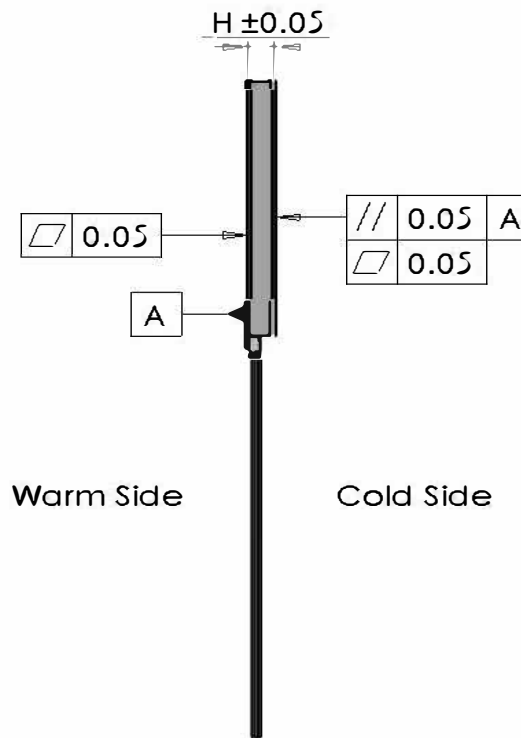
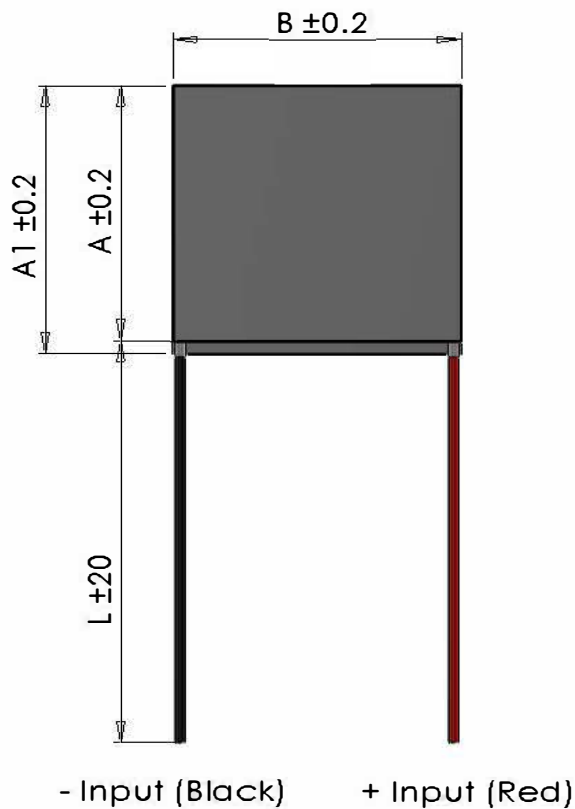


ETH-127-10-15-E-HI

Thermoelectric cooler module, high temperature

Data sheet



Warm Side

Cold Side

I_{max}	[A]	3.1
V_{max}	[Vdc]	16
$P_c \max$	[W]	29
ΔT_{max}	[°C]	72
Max hot side temp.	[°C]	150
A	[mm]	30
$A1$	[mm]	34
B	[mm]	30
H	[mm]	3.4
Sealant		Epoxy
Internal resistance	Ω	4

(At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2).

$P_c \max$ = 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.

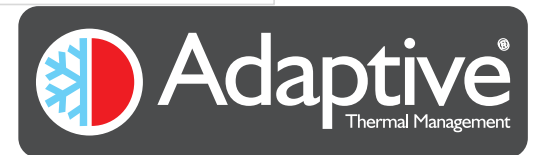
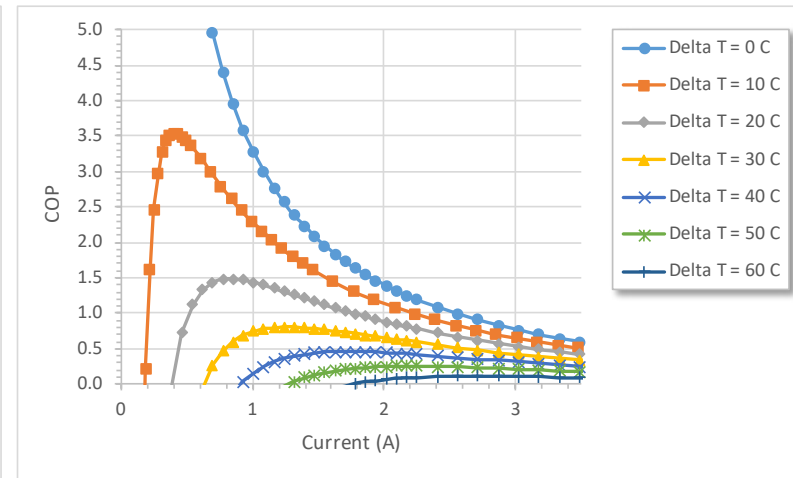
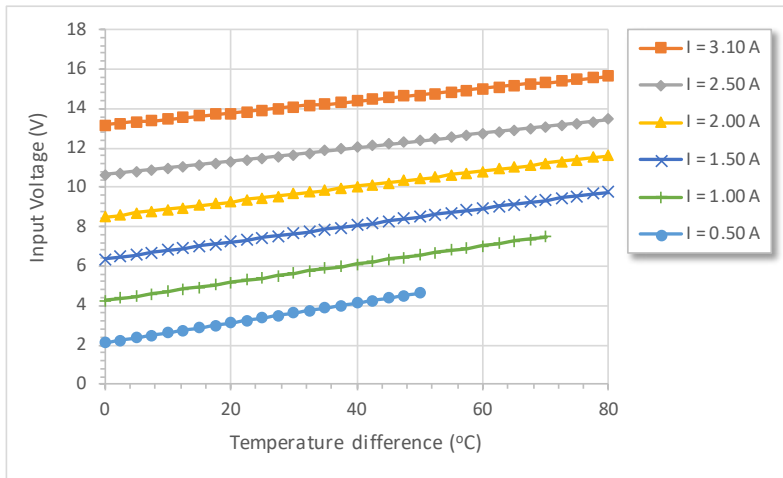
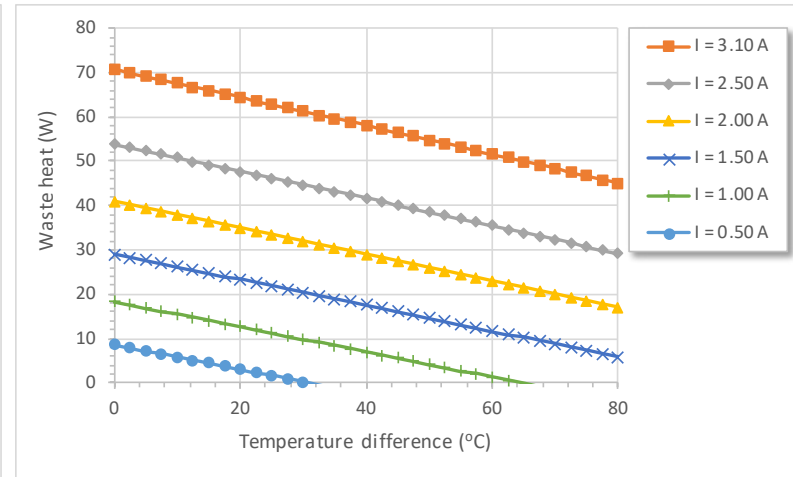
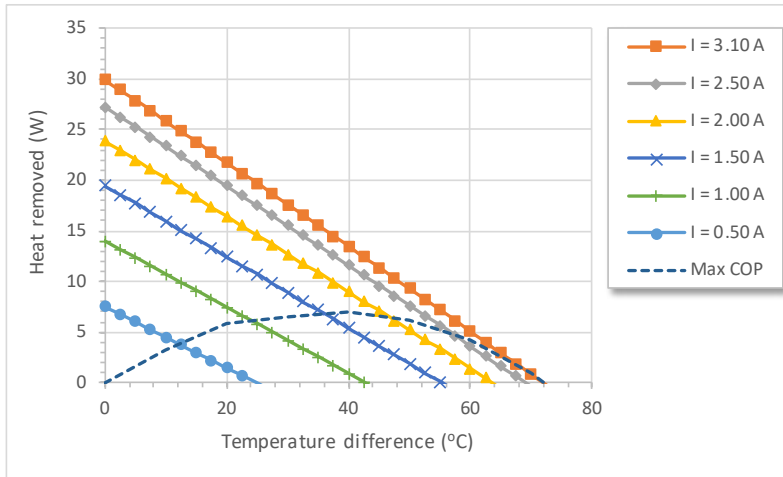
Wires: PTFE UL1213, 600V, -60 to +200 degC



ETH-127-10-15-E-HI

Thermoelectric cooler module, high temperature

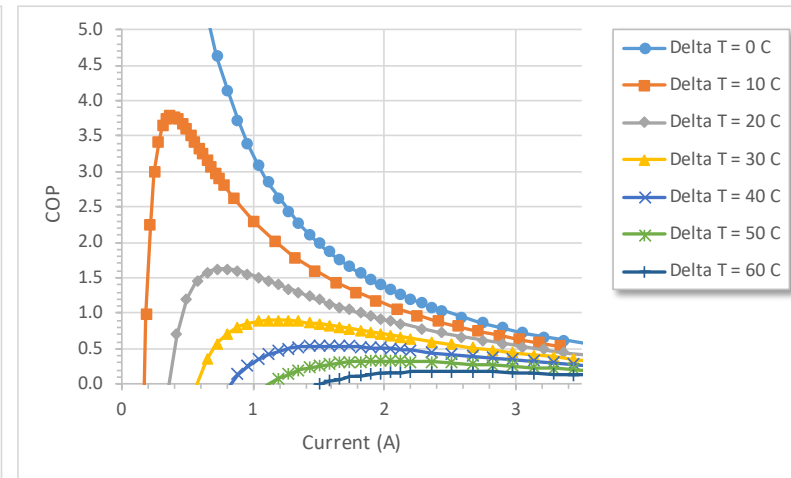
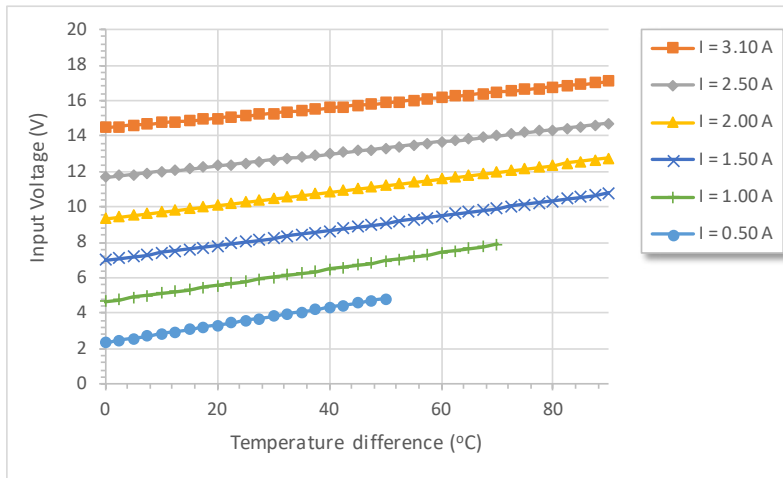
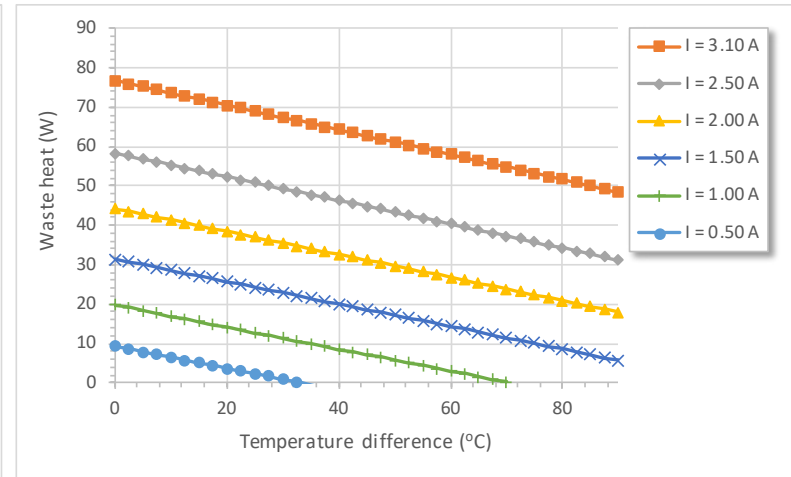
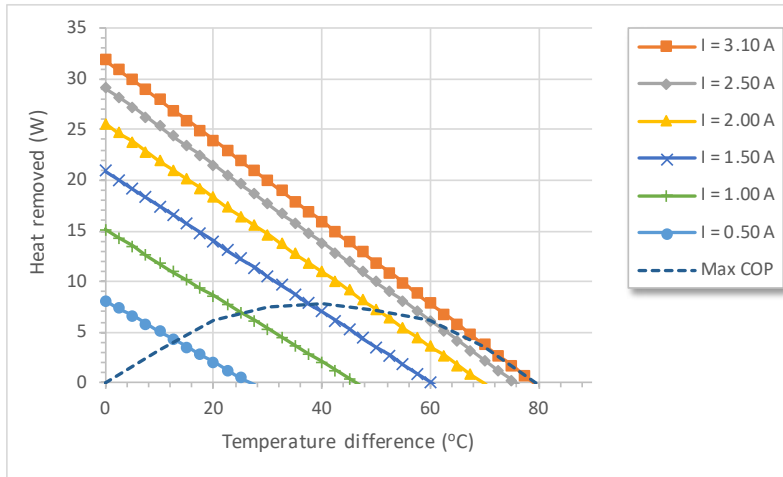
Data sheet - At hot side temperature 25°C



ETH-127-10-15-E-HI

Thermoelectric cooler module, high temperature

Data sheet - At hot side temperature 50°C



ETH-127-10-15-E-HI

Thermoelectric cooler module, high temperature

Data sheet - At hot side temperature 75°C

