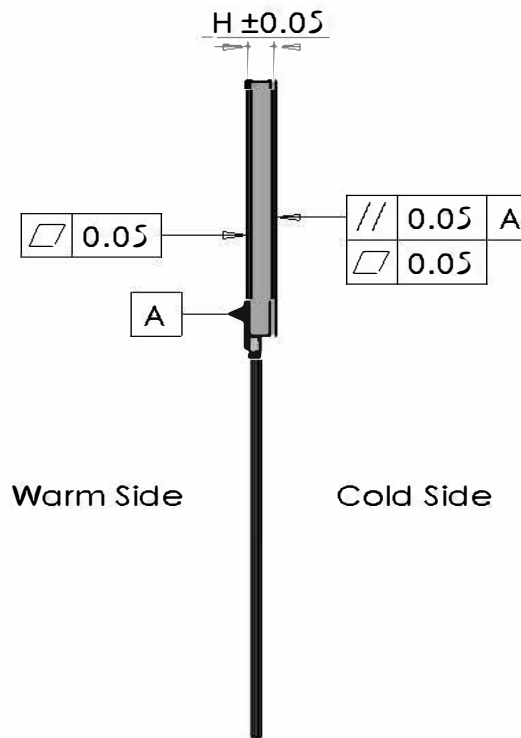
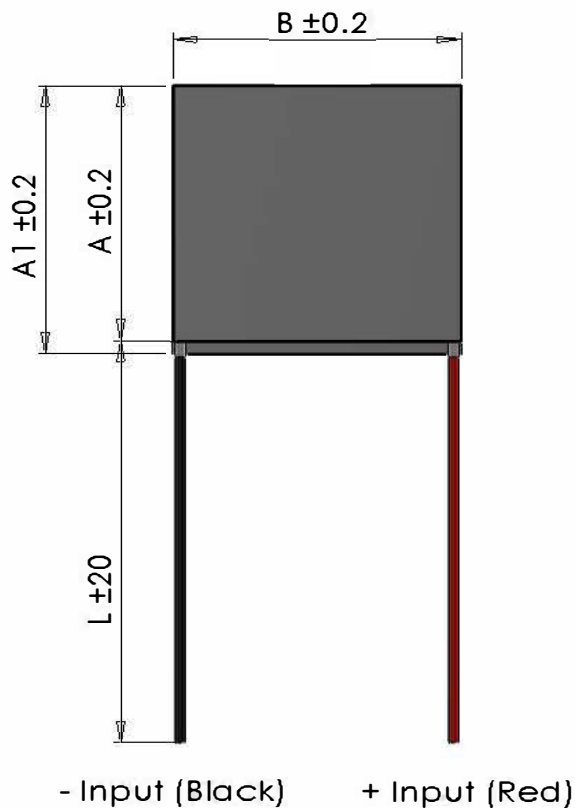


# ETH-049-10-15-S-HI

## Thermoelectric cooler module, high temperature

### Data sheet



Warm Side

Cold Side

$I_{max}$	[A]	3.2
$V_{max}$	[Vdc]	6.2
$P_c \max$	[W]	11.5
$\Delta T_{max}$	[°C]	72
Max hot side temp.	[°C]	150
A	[mm]	18
B	[mm]	18
H	[mm]	3.4
Sealant		Silicone
Internal resistance	$\Omega$	1.6

(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  $I = I_{max}$ .

$\Delta T_{max}$  = Temperature difference at  $I = I_{max}$  and  $P_c = 0$ .

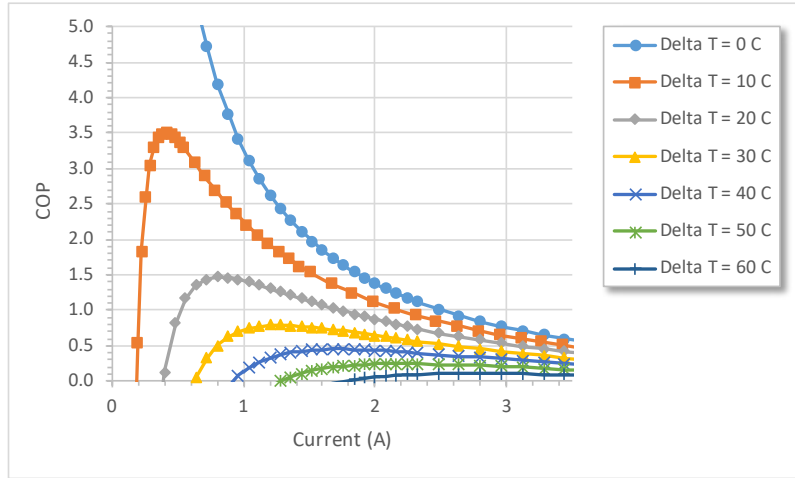
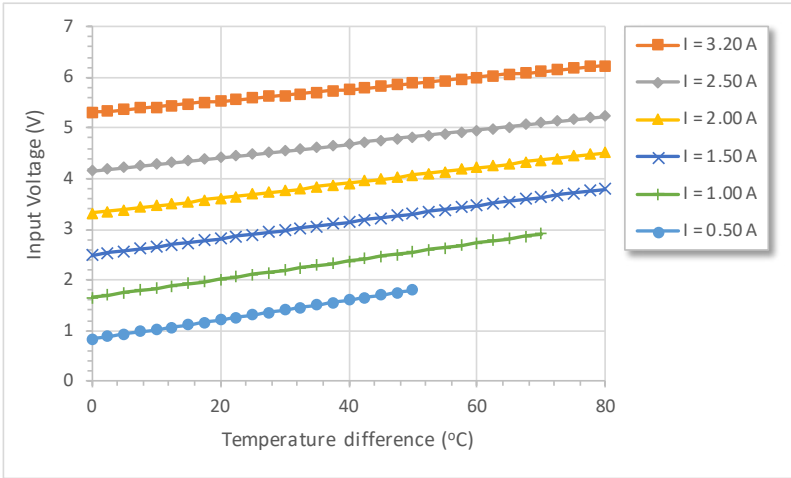
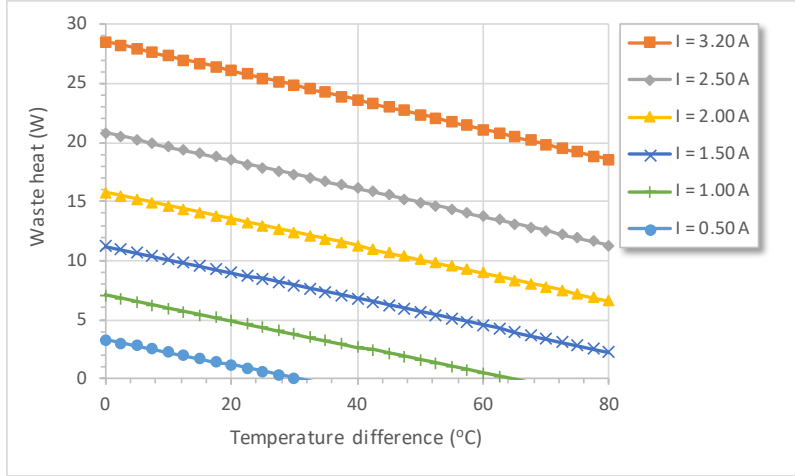
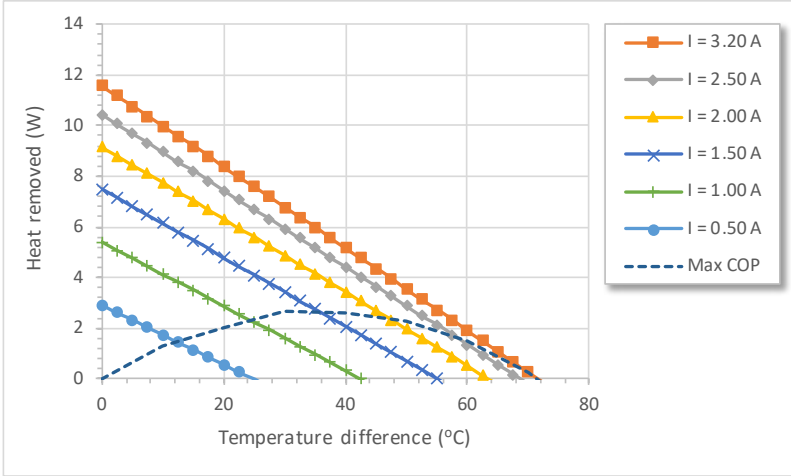
Max hot side temperature given for best long term performance.

Max mounting pressure: 1.5MPa.

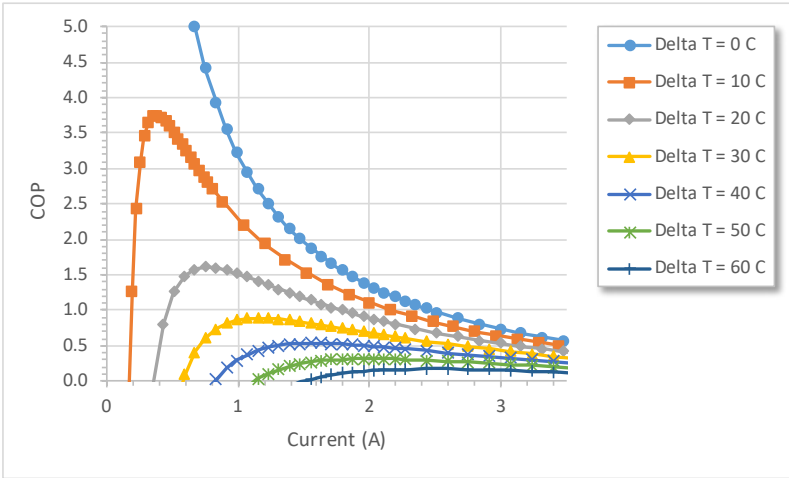
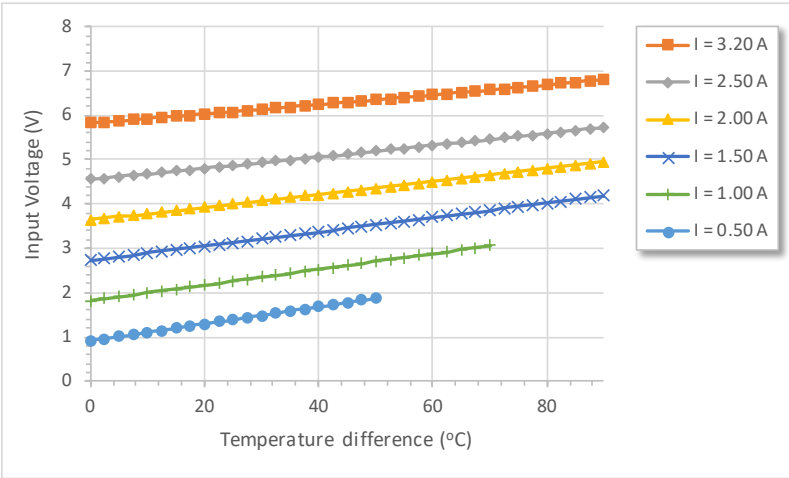
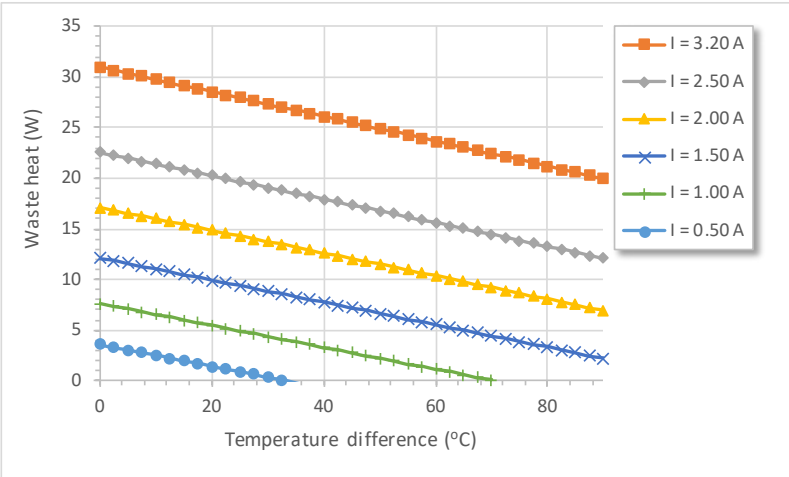
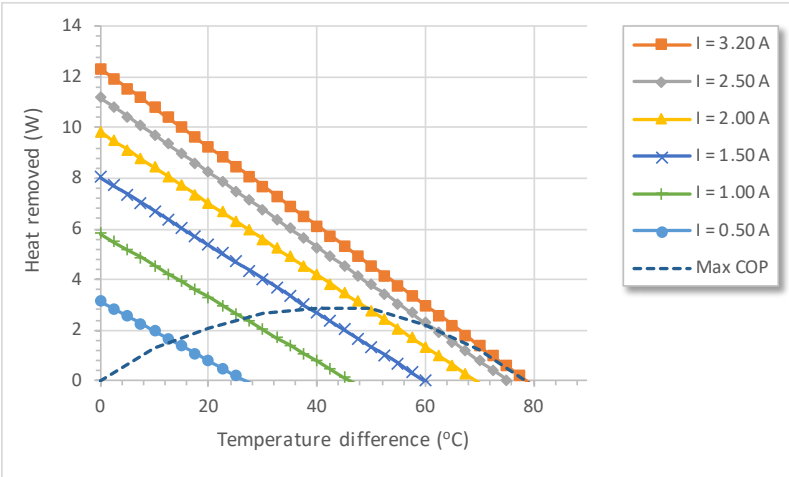
Wires: PTFE UL1213, 600V, -60 to +200 degC



### Data sheet - At hot side temperature 25°C



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



### Data sheet - At hot side temperature 75°C

