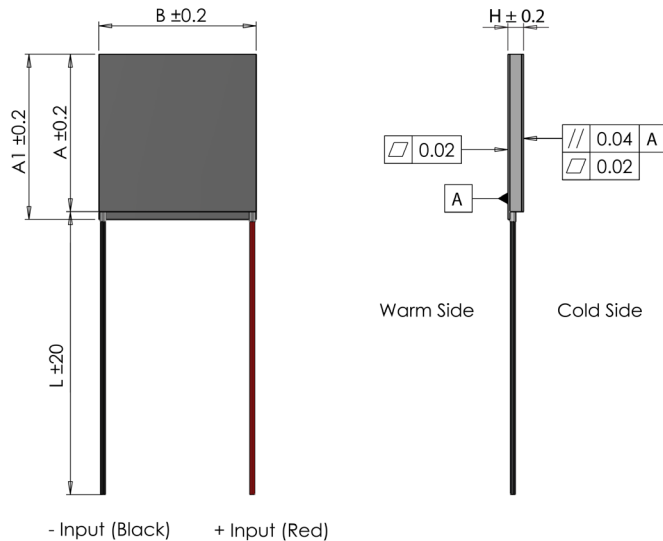


# HPE-127-10-08-E

## Thermoelectric Peltier Cooler Module

### Data sheet



$I_{max}$	[A]	6
$V_{max}$	[Vdc]	15.7
$P_c \text{ max}$	[W]	55
ACR	[ $\Omega$ ]	2.3
$\Delta T_{max}$	[ $^{\circ}\text{C}$ ]	69
Max hot side temperature	[ $^{\circ}\text{C}$ ]	90
A	[mm]	30
A1	[mm]	30
B	[mm]	30
H	[mm]	3.1

Internal resistance is measured by AC 4-terminal method at 25 degreesC.  $I_{max}$  is the current at  $\Delta T_{max}$ .  $V_{max}$  is the voltage at  $\Delta T_{max}$ .  $Q_{max}$  is the cooling capacity at  $I_{max}$ ,  $V_{max}$  and  $\Delta T=0$  degreesC.  $T_{max}$  is the temperature difference at  $I_{max}$ ,  $V_{max}$  and  $Q=0W$  (Max parameters are measured in a vacuum).

## Features

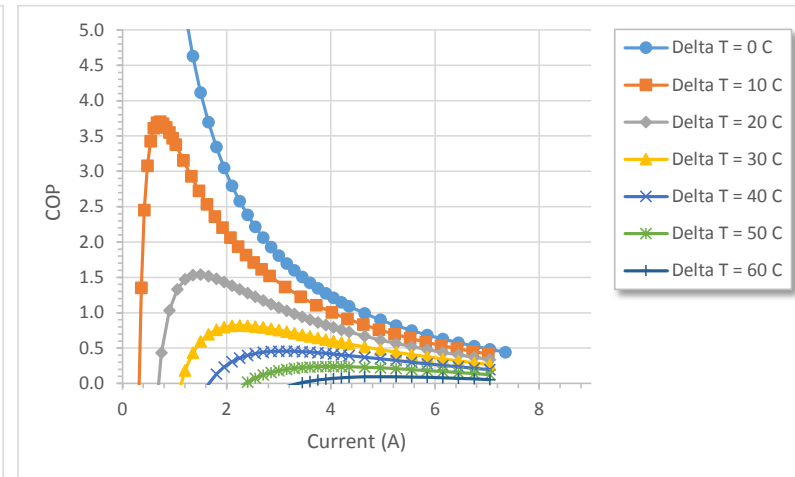
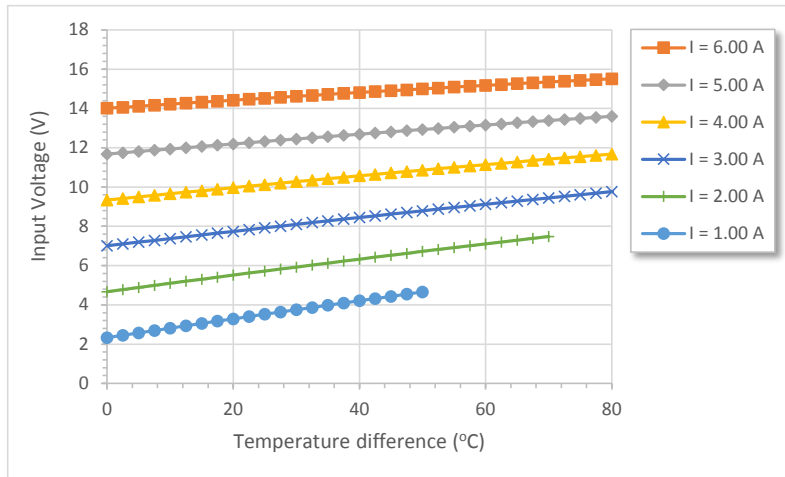
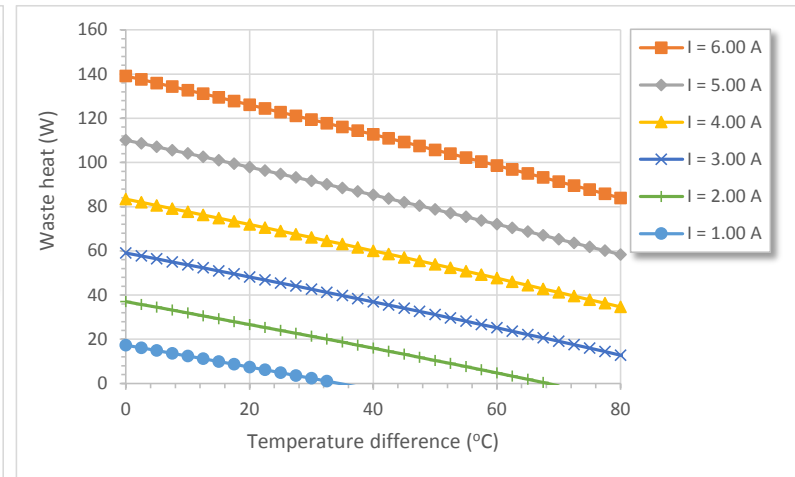
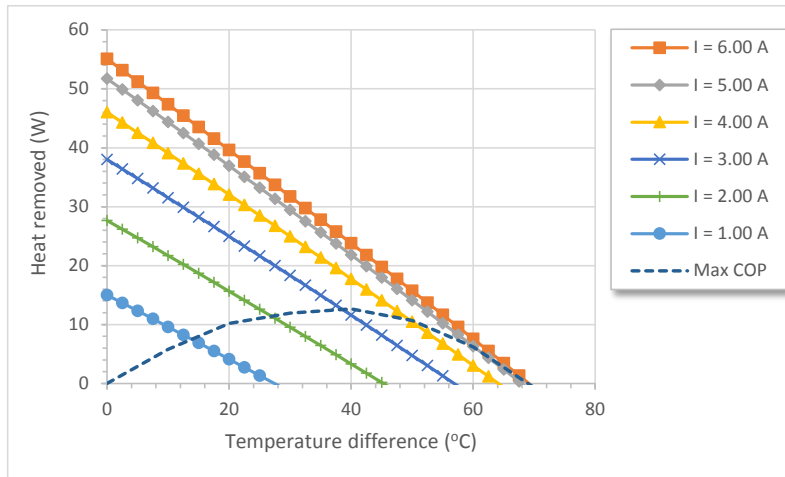
- RoHS and Reach compliant
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Sealed & lapped for multi-module applications



# HPE-127-10-08-E

## Thermoelectric Peltier Cooler Module

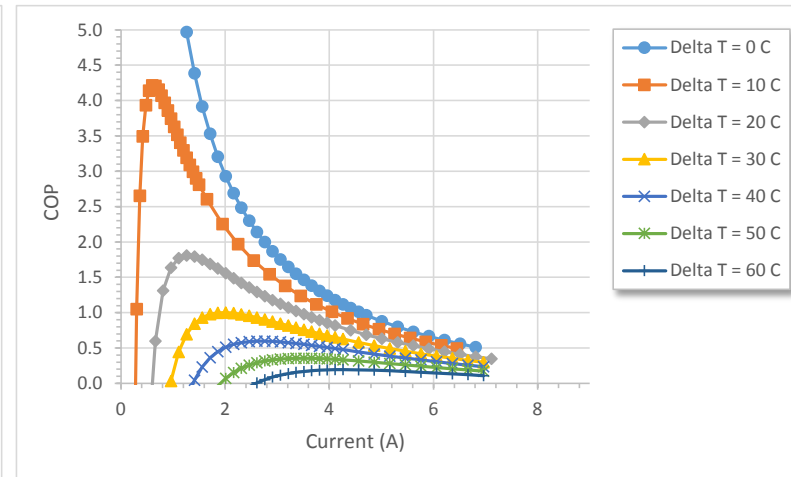
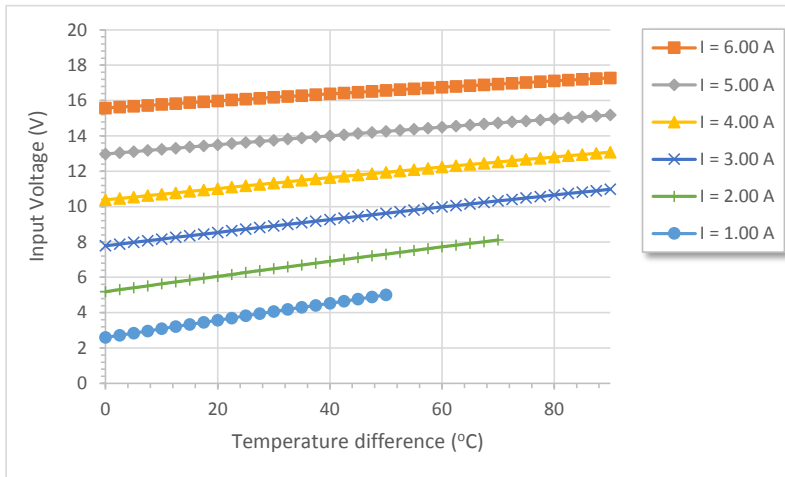
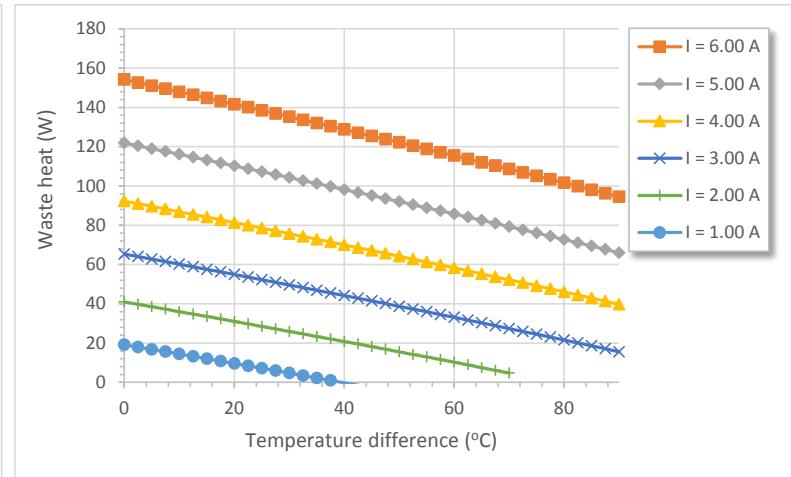
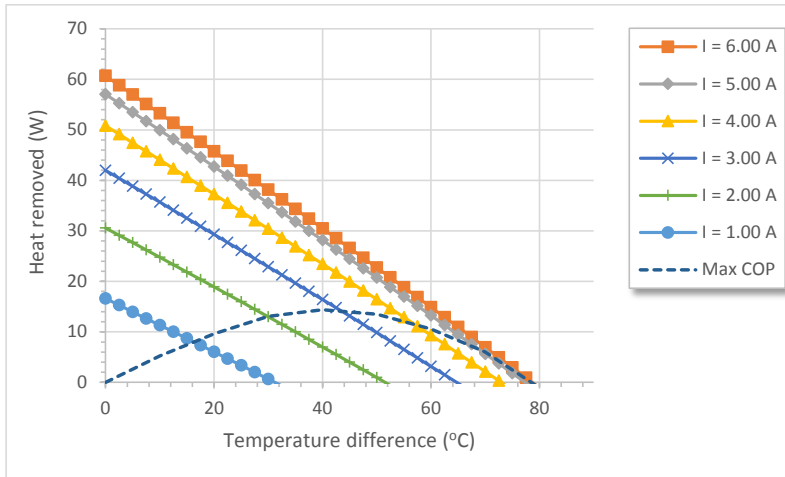
Data sheet - At hot side temperature 25°C



# HPE-127-10-08-E

## Thermoelectric Peltier Cooler Module

Data sheet - At hot side temperature 50°C



# HPE-127-10-08-E

## Thermoelectric Peltier Cooler Module

Data sheet - At hot side temperature 75°C

