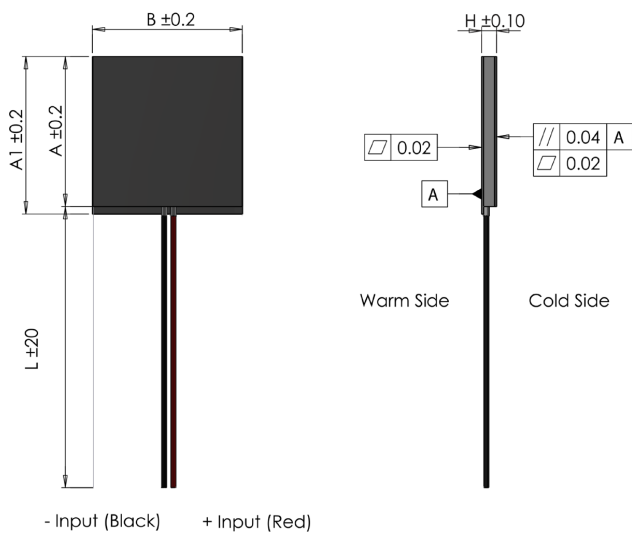


## Features



- 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

## Dimensions



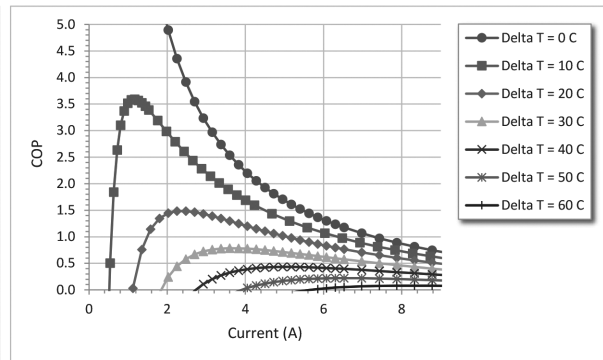
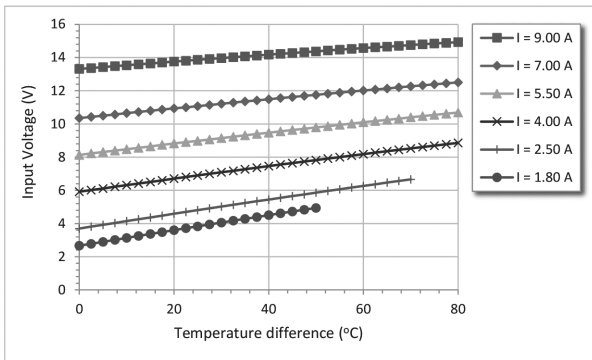
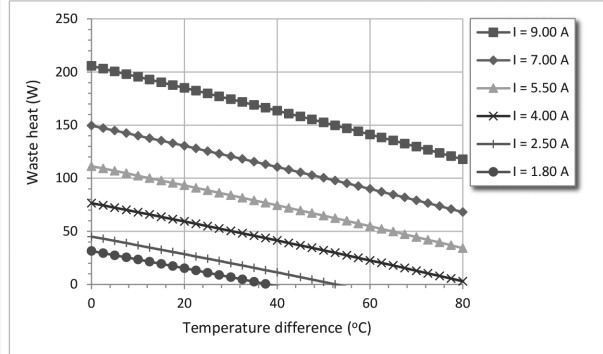
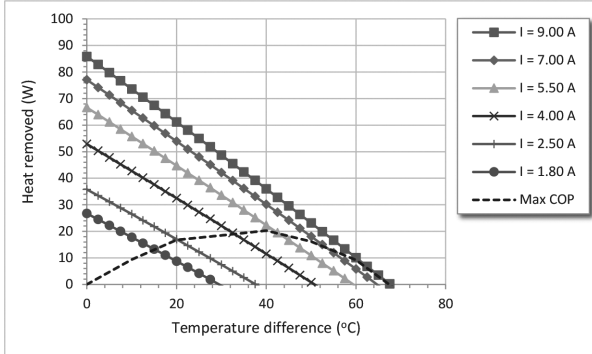
Parameters	Values
$I_{max}$	9A
$V_{max}$	15.8V DC
$P_c \text{ max}$	88W
ACR	1.4 $\Omega$
$\Delta T_{max}$	68°C
A	30mm
A1	34mm
B	30mm
H	2.8mm
L	100mm

- (At hot side temperature  $T_h = 25^\circ\text{C} / 298\text{K}$ , under dry  $\text{N}_2$ )
- $P_c \text{ max}$  = Cooling power at  $\Delta T = 0$  and  $I = I_{max}$
- $\Delta T_{max}$  = Temperature difference at  $I = I_{max}$  and  $P_c = 0$
- Solder melting point 138°C
- Max. recommended mounting pressure: 1MPa

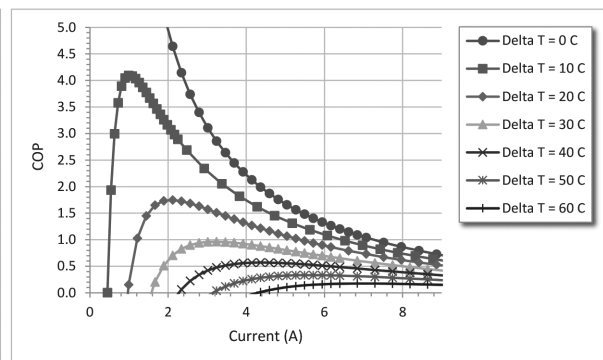
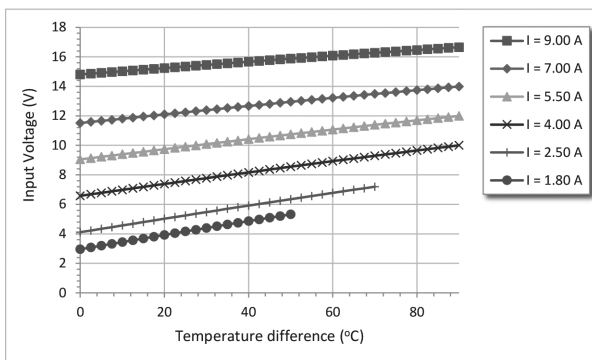
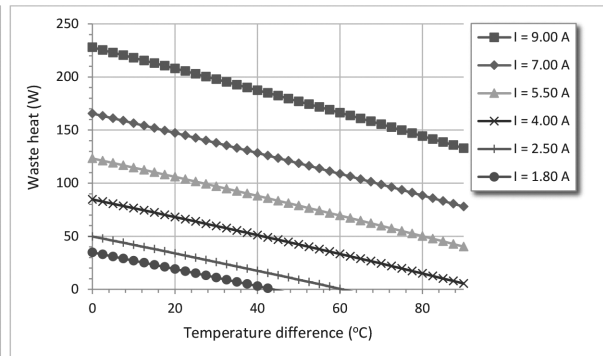
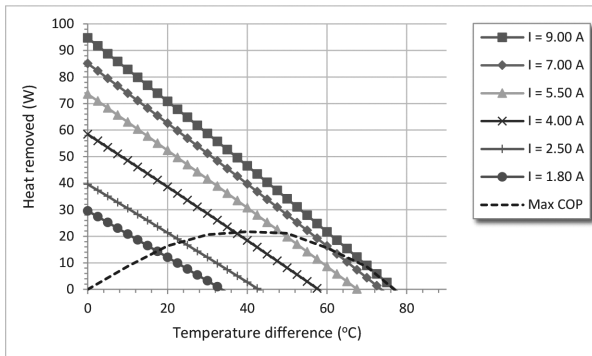
# Peltier Cooler



## At hot side temperature 25°C



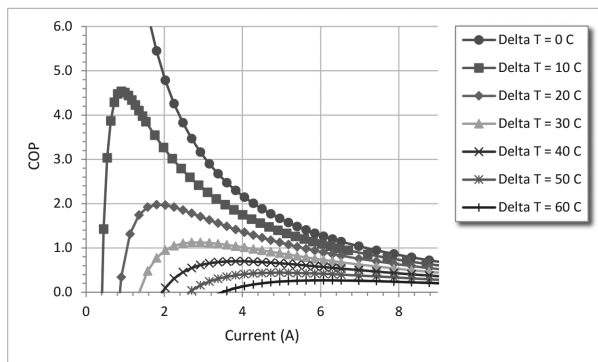
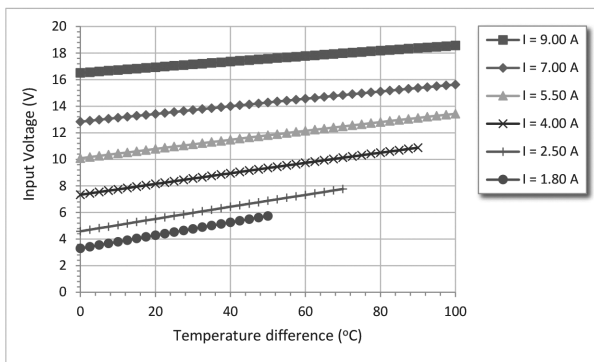
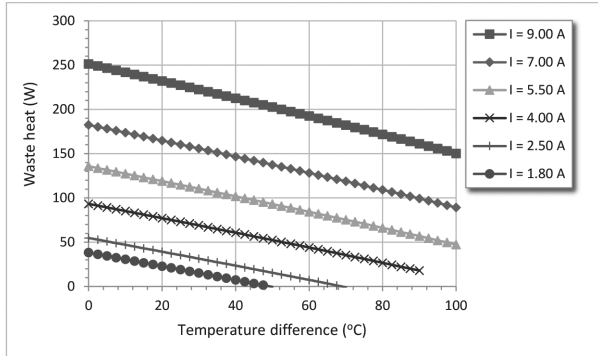
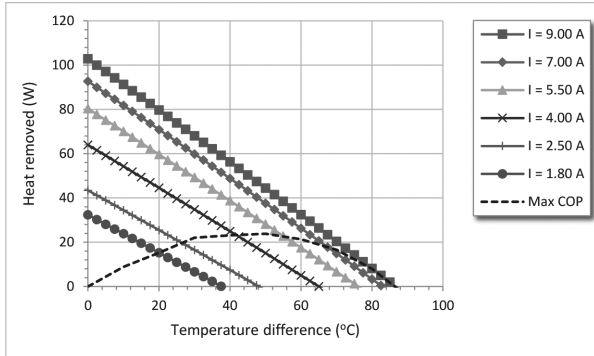
## At hot side temperature 50°C



# Peltier Cooler



## At hot side temperature 75°C



## Part Number Table

Description	Part Number
Peltier Cooler, 88W, 1.4Ω, 9A	MCHPE-128-10-05-E

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