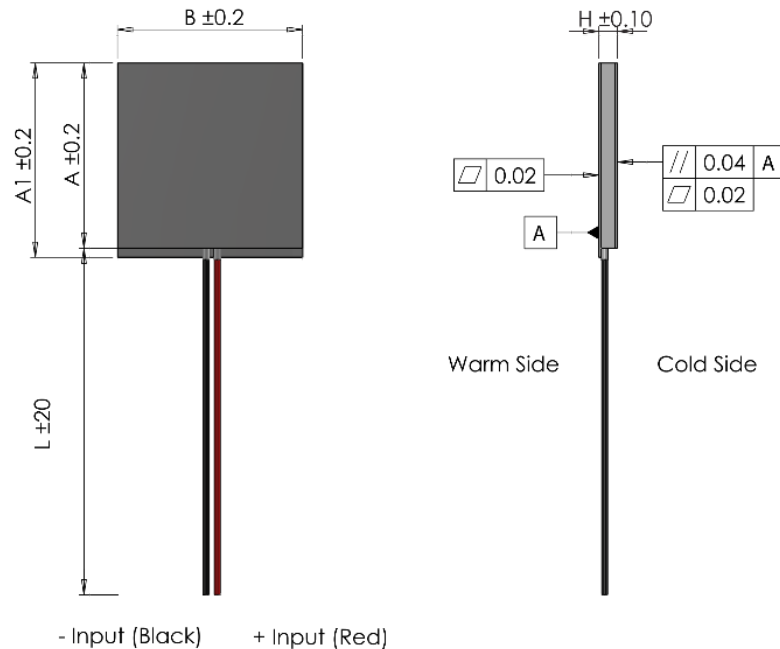


HPE-128-10-05-E

Peltier Cooler Module

Data sheet



I_{max}	[A]	9.0
V_{max}	[Vdc]	15.8
$P_c \max$	[W]	88
ACR	[Ω]	1.4
ΔT_{max}	[$^{\circ}C$]	68
A	[mm]	30
A1	[mm]	34
B	[mm]	30
H	[mm]	2.8
L	[mm]	100

- (At hot side temperature $T_h = 25^{\circ}C / 298K$, 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 $P_c = 0$
- Solder melting point $138^{\circ}C$
- Max. recommended mounting pressure: 1MPa

Features

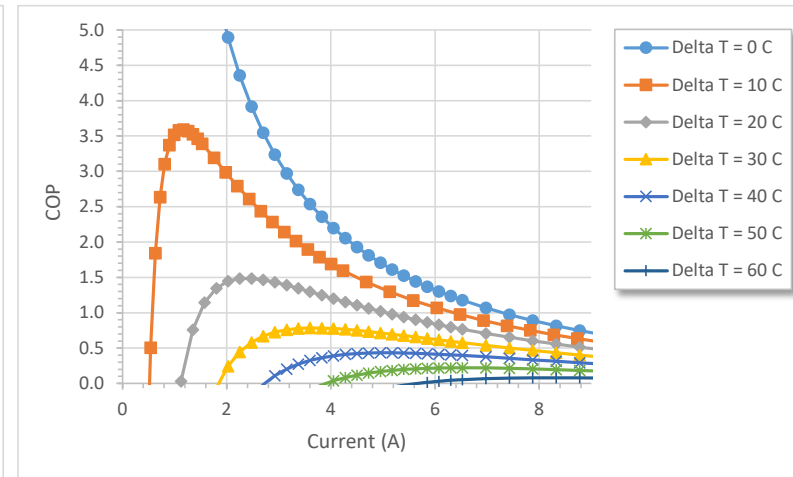
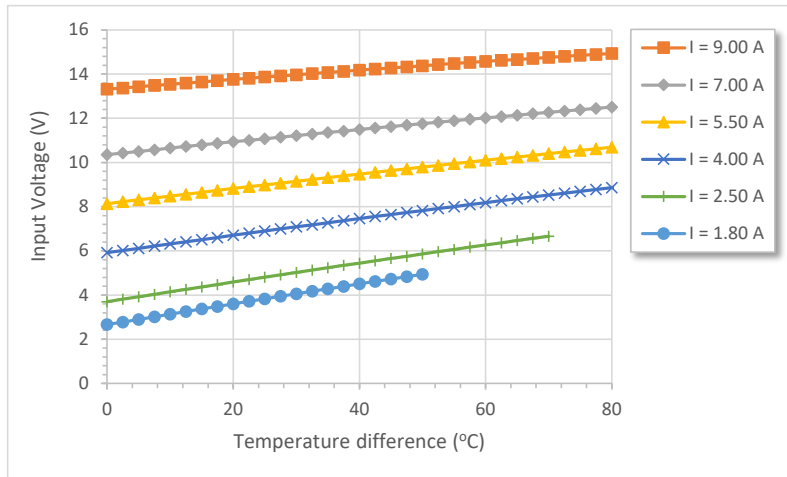
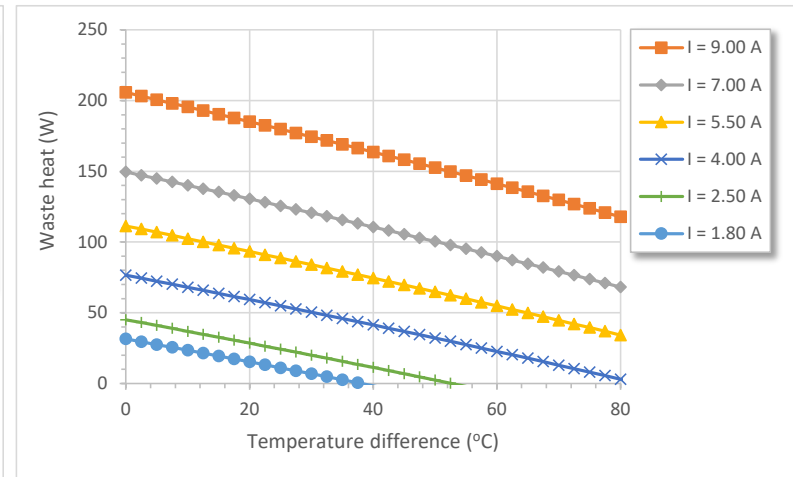
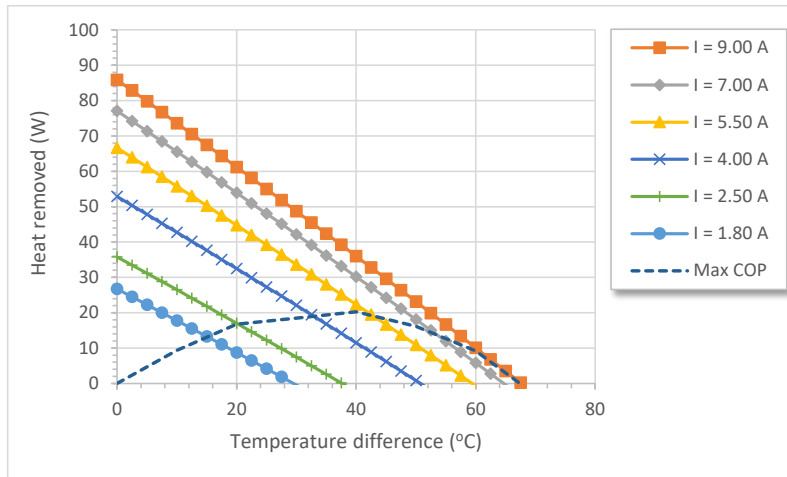
- RoHS and Reach compliant
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Sealed & lapped for multi-module applications



HPE-128-10-05-E

Peltier Cooler Module

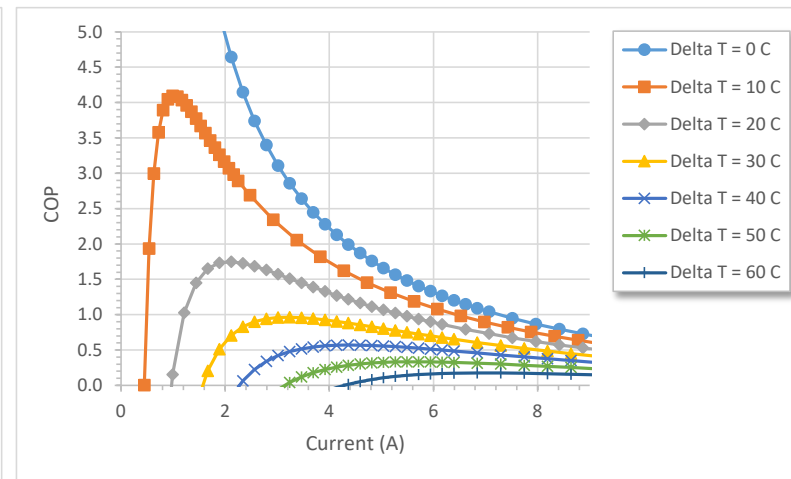
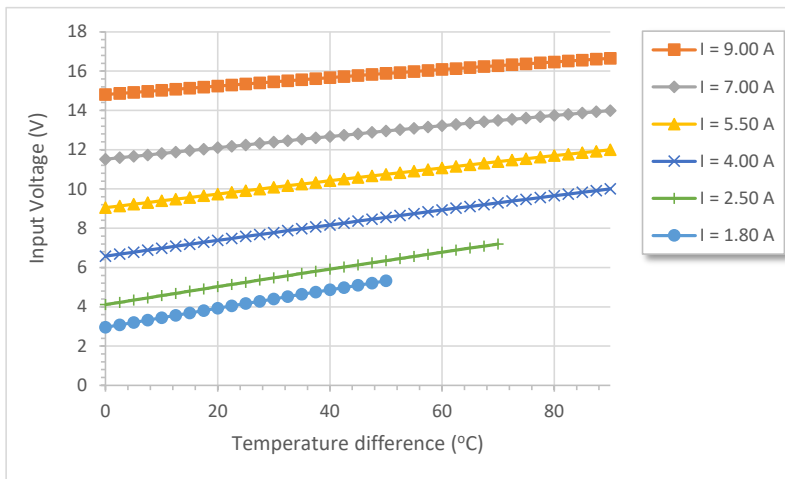
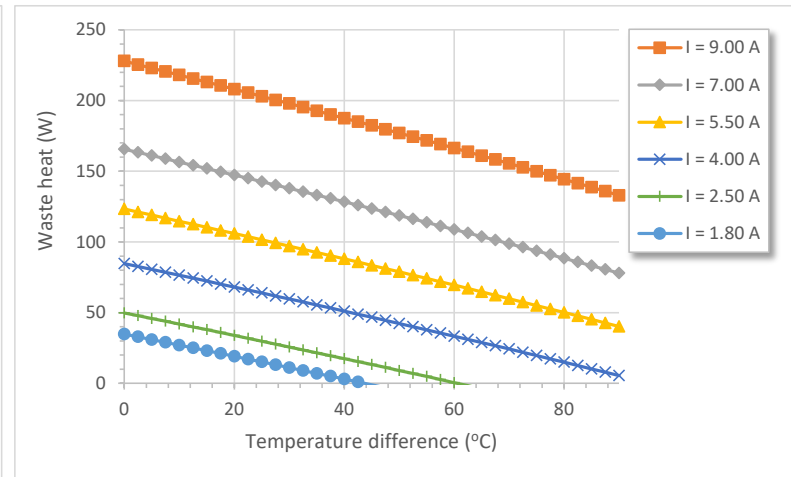
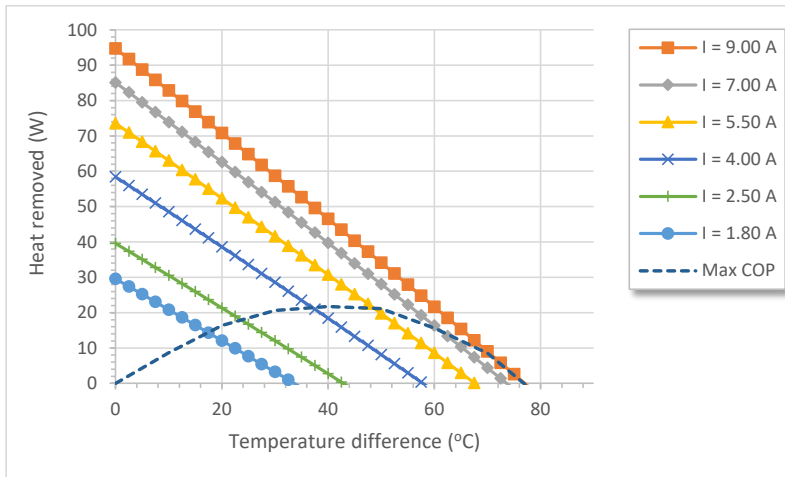
Data sheet - At hot side temperature 25°C



HPE-I28-10-05-E

Peltier Cooler Module

Data sheet - At hot side temperature 50°C



HPE-I28-10-05-E

Peltier Cooler Module

Data sheet - At hot side temperature 75°C

