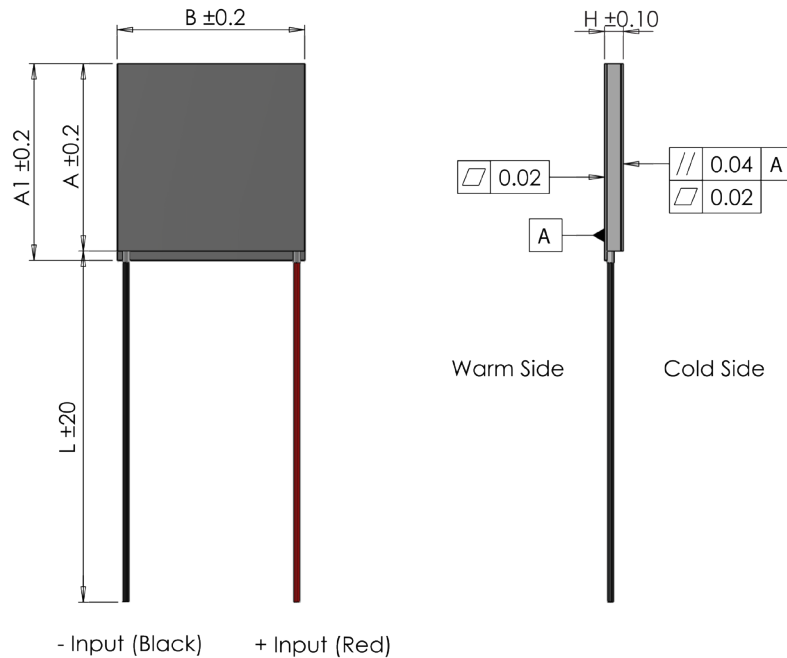


APHC-070-20-E

Peltier Cooler Module - High Temperature Cycling

Data Sheet



I _{max}	[A]	19
V _{max}	[Vdc]	7.7
P _c max	[W]	95
ΔT _{max}	[°C]	58
Max. hot side temp.	[°C]	180
A	[mm]	50
A1	[mm]	54
B	[mm]	36
H	[mm]	3.1

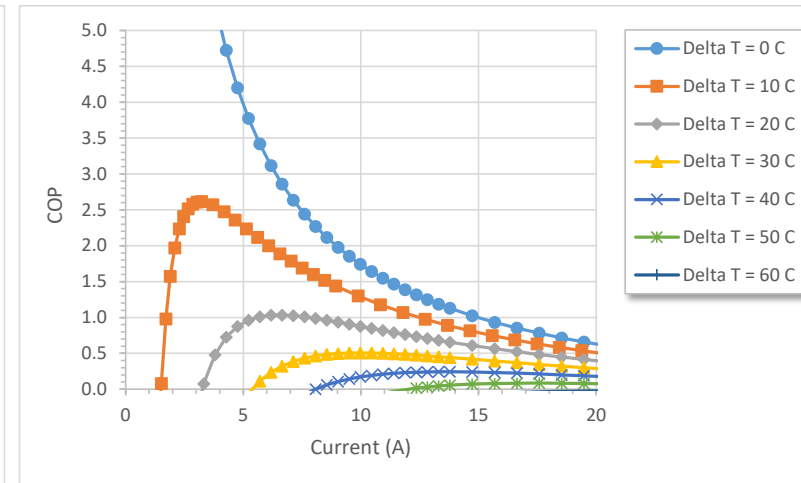
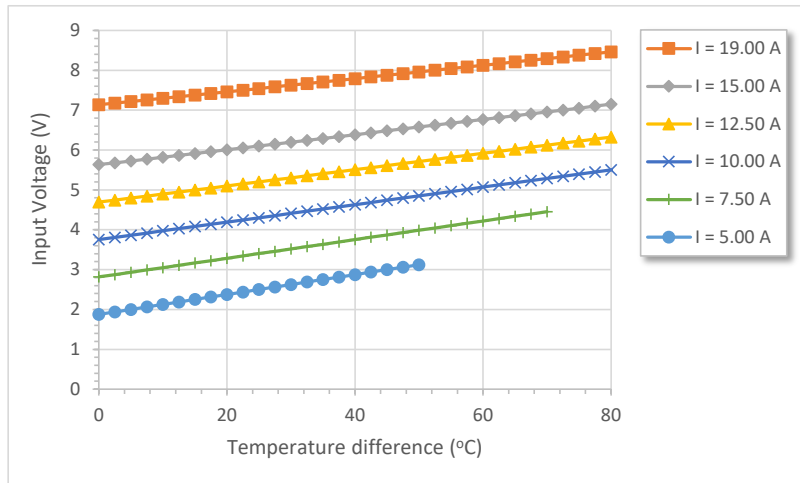
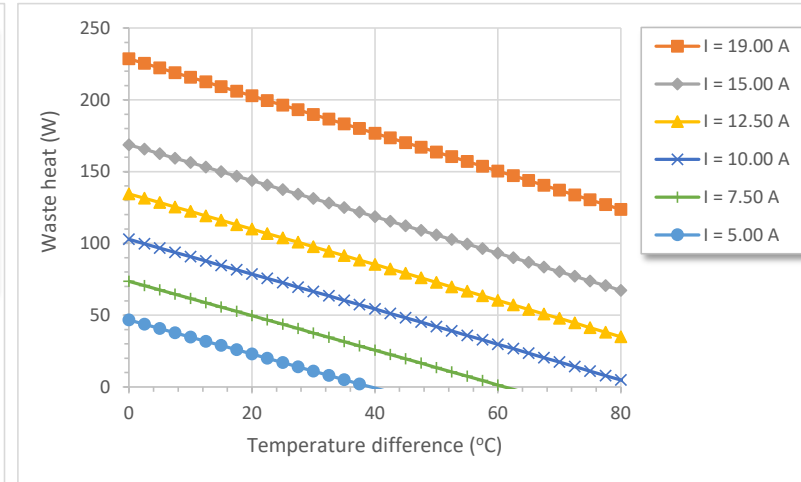
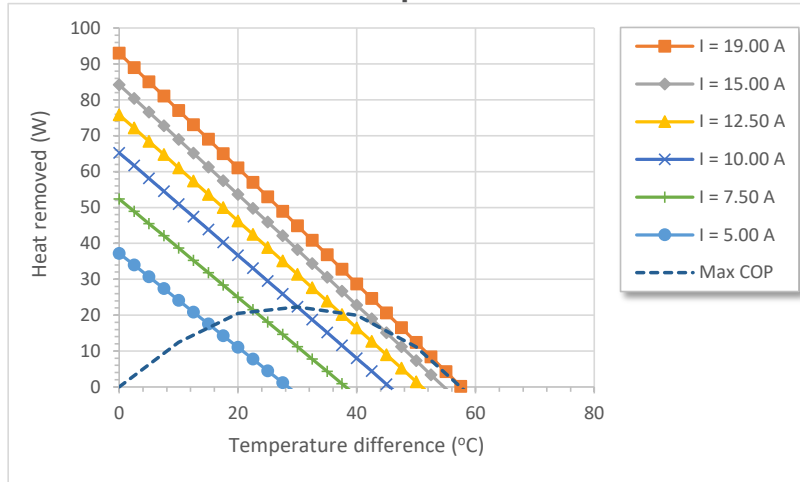
- (At hot side temperature $T_h = 27^\circ\text{C} / 300\text{K}$, under dry N_2)
- P_c max = Cooling power at $\Delta T = 0$ and $I = I_{\text{max}}$
- ΔT_{max} = Temperature difference at $I = I_{\text{max}}$ and $P_c = 0$
- Max mounting pressure: 1.5MPa
- Wires: PFA, Teflon, 600V, +250°C(Unstripped)

Features

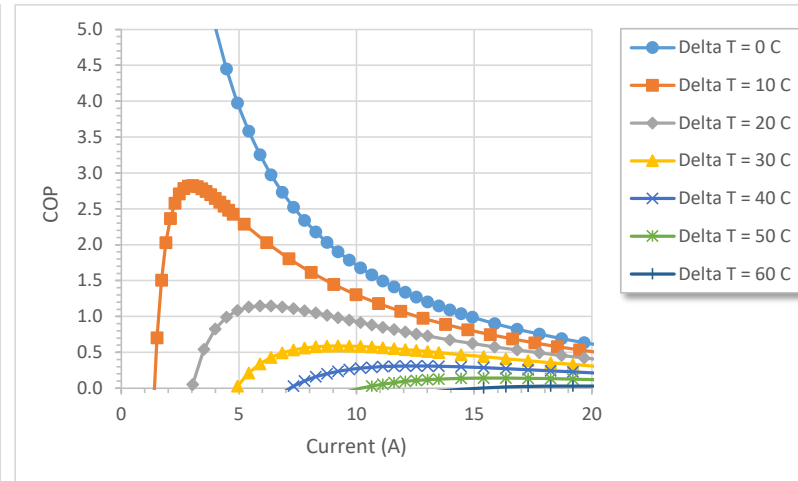
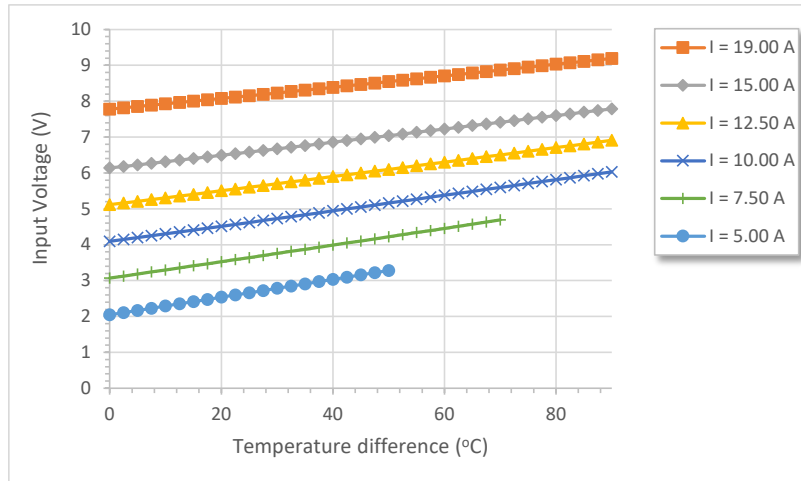
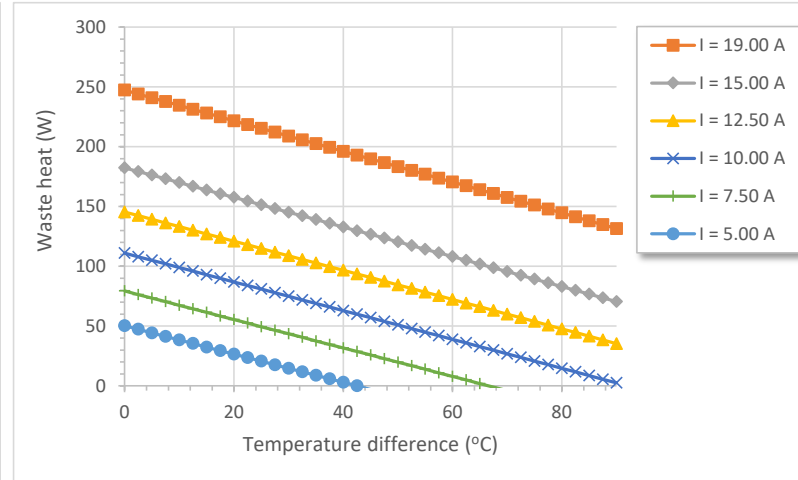
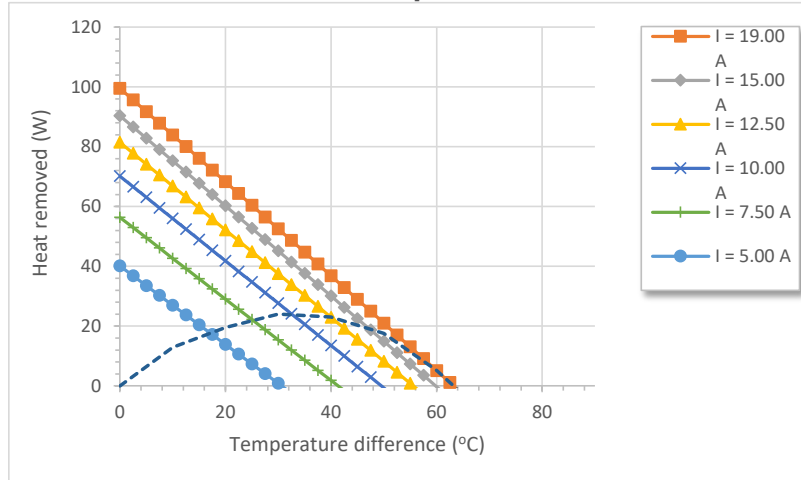
- Solid-state reliability
- Suitable for temperature cycling applications
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Epoxy sealed



Data Sheet - At hot side temperature 25°C



Data Sheet - At hot side temperature 50°C



Data Sheet - At hot side temperature 75°C

