

Peltier Cooler, 340W



RoHS
Compliant



Features

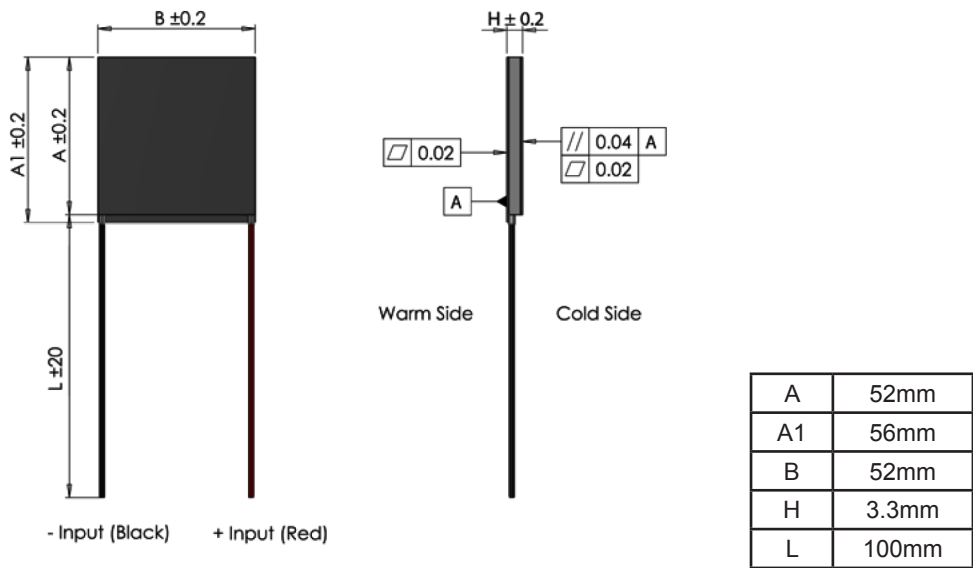
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porch style for enhanced lead wire strength
- Sealed & lapped for multi-module applications

Specifications

I _{max}	15.4A
V _{max}	35.8V DC
P _c max	340W
ACR	1.9Ω
ΔT _{max}	68°C
Max hot side temperature	90°C

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

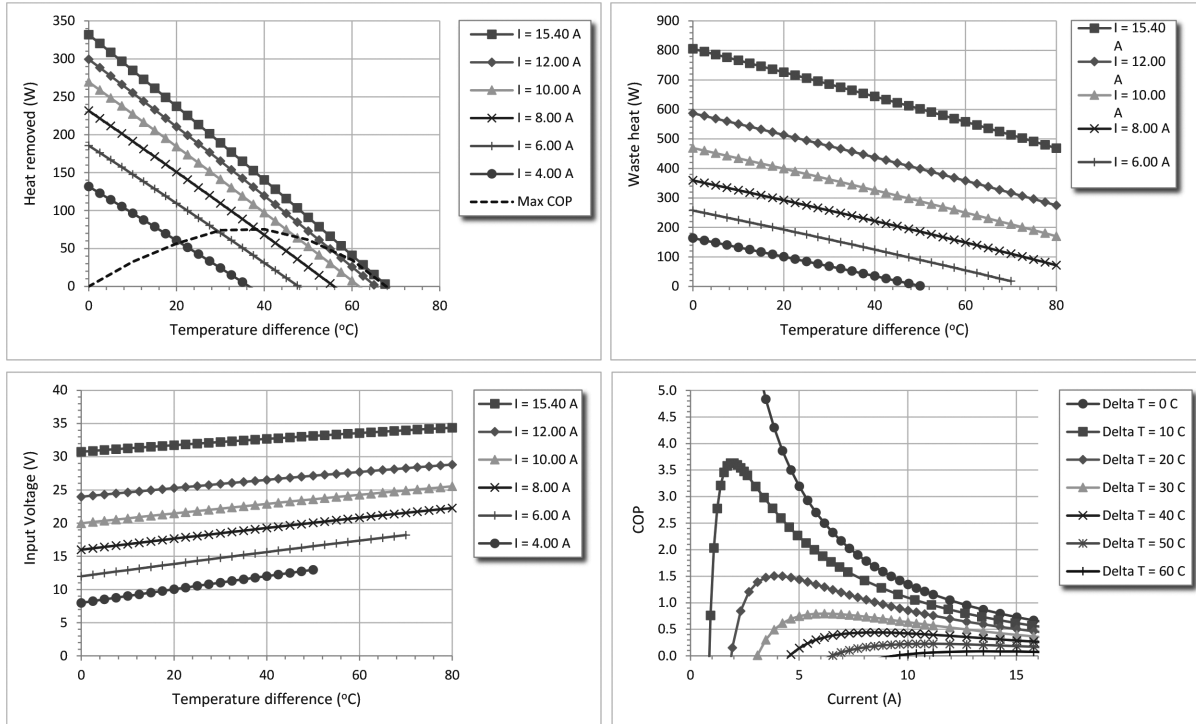
Diagram



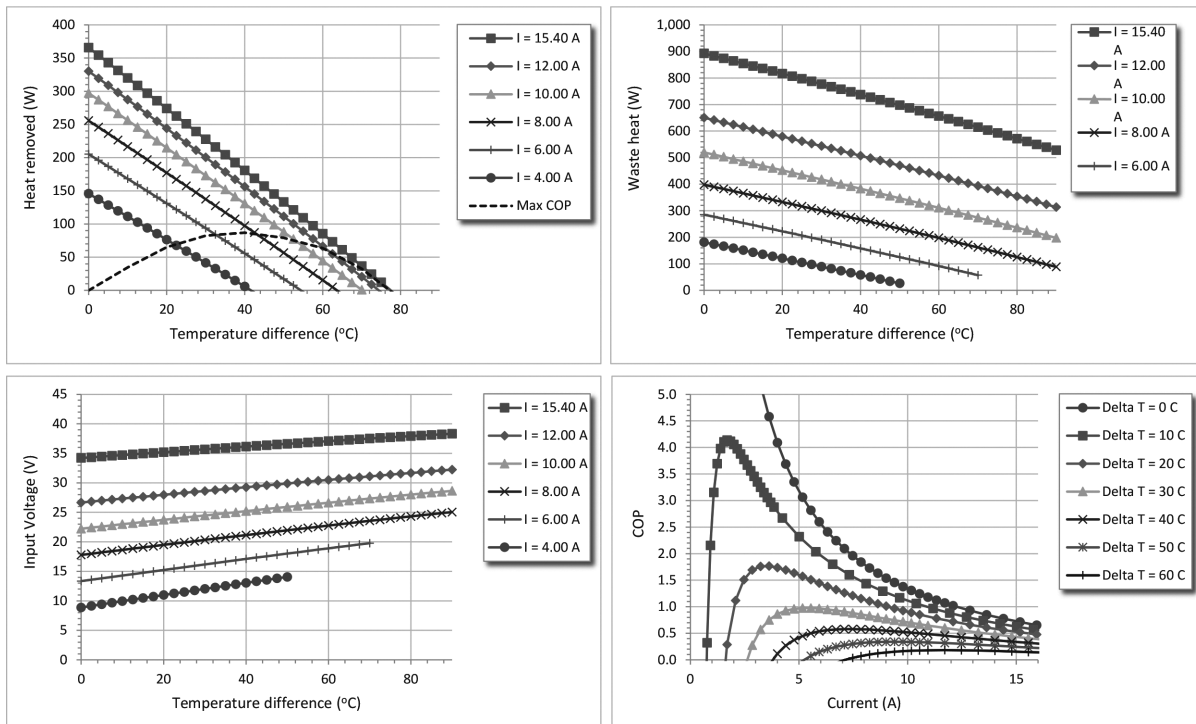
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At hot side temperature 25°C



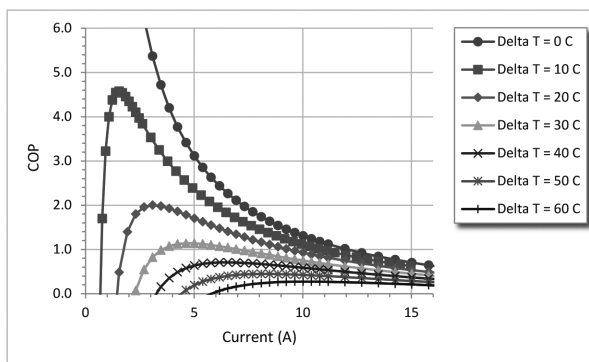
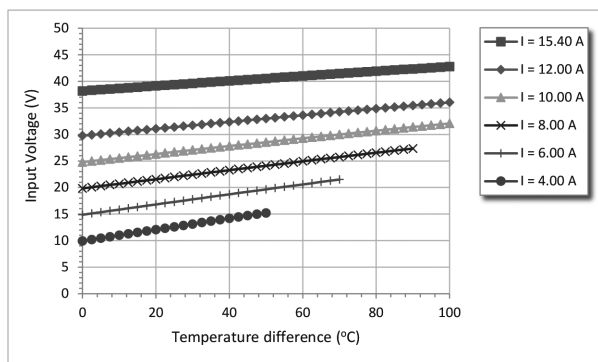
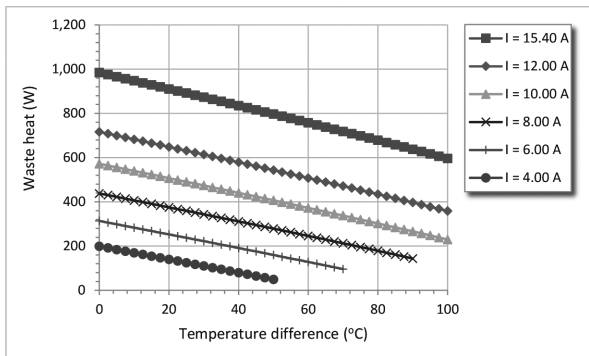
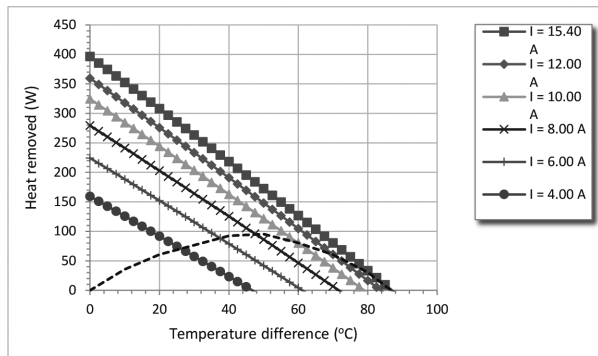
At hot side temperature 50°C



Peltier Cooler, 340W



At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler, 340W	MCHPE-288-14-05-E

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