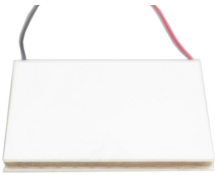


RoHS
Compliant



Features

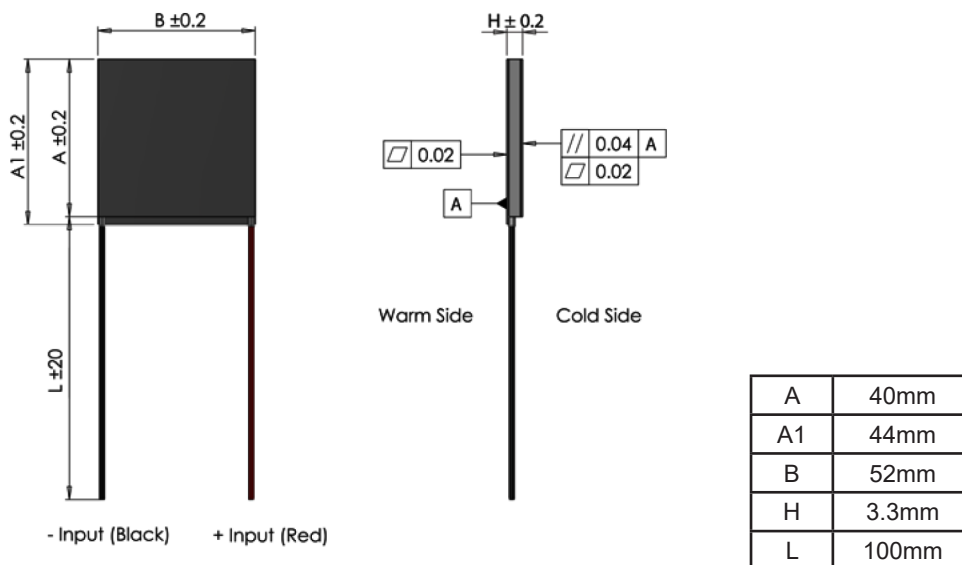
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porch style for enhanced lead wire strength
- Sealed & lapped for multi-module applications

Specifications

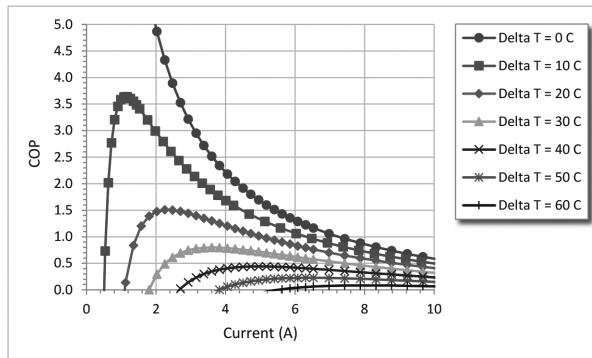
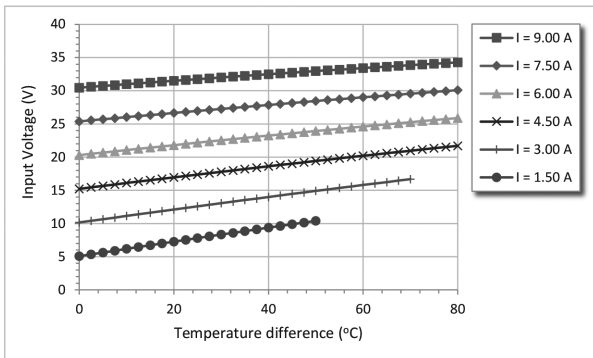
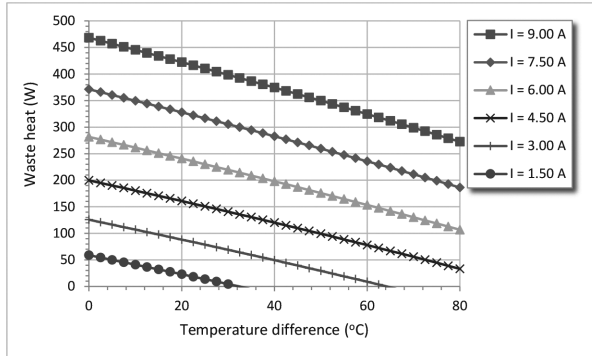
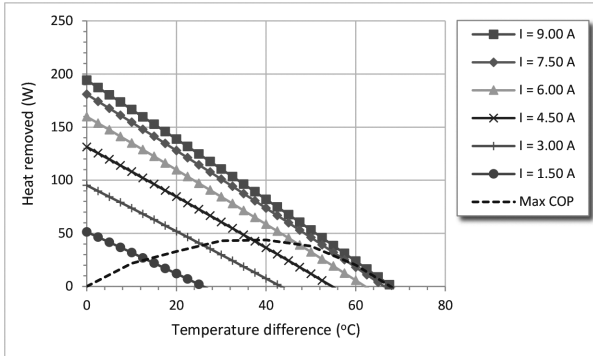
I _{max}	9A
V _{max}	35.9V DC
P _{c max}	196W
ACR	3.1Ω
ΔT _{max}	68°C
Max hot side temperature	90°C

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).

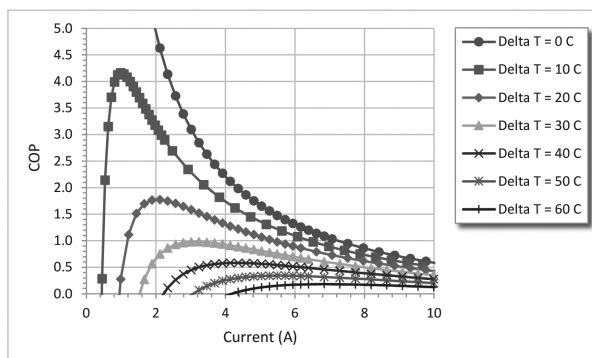
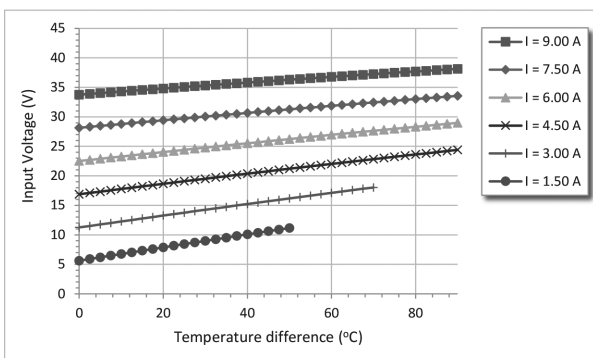
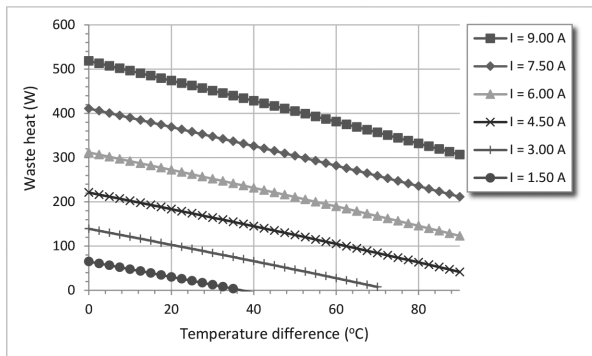
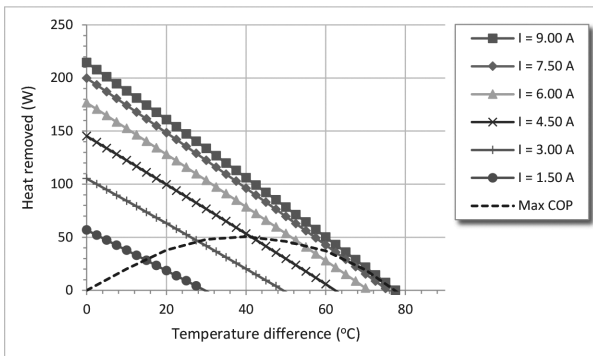
Diagram



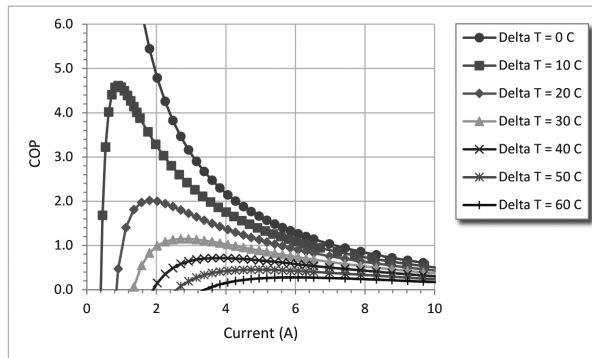
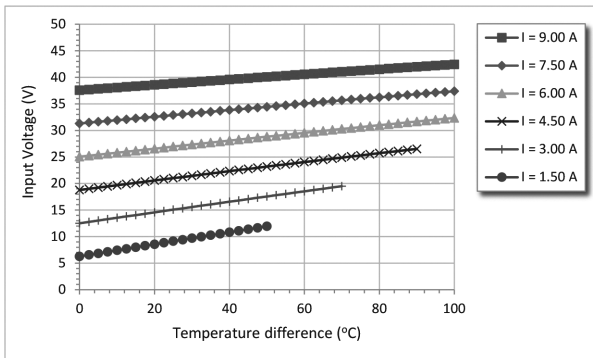
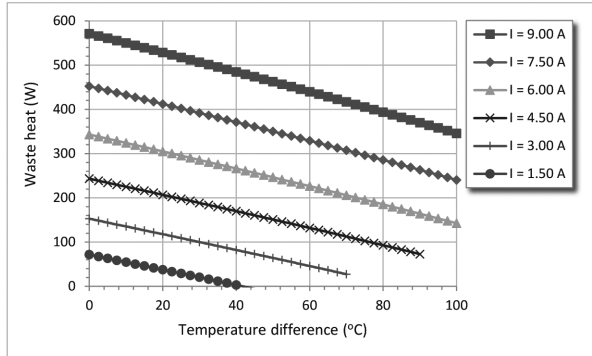
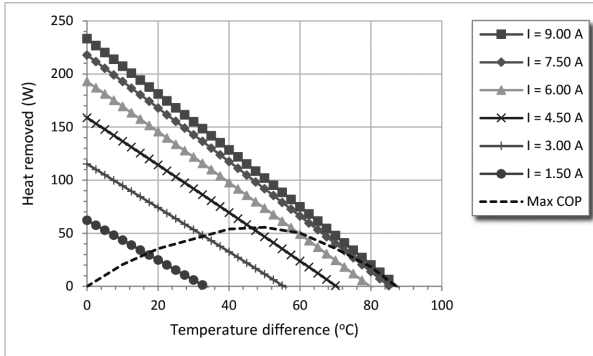
At hot side temperature 25°C



At hot side temperature 50°C



At hot side temperature 75°C



Part Number Table

Description	Part Number
Peltier Cooler, 196W	MCHPE-288-10-05-E

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