

Peltier Cooler, 340W



**RoHS
Compliant**



Features

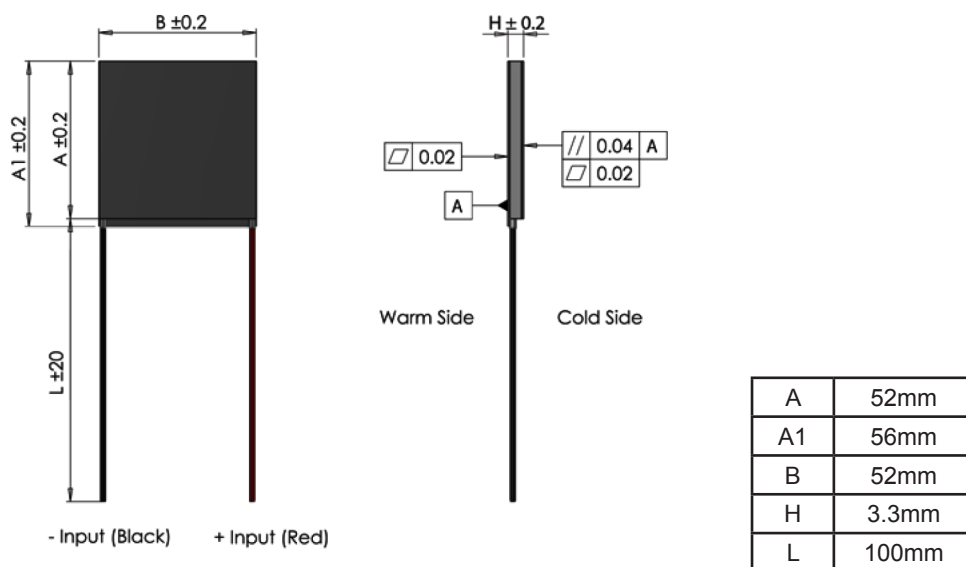
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porch style for enhanced lead wire strength
- Sealed & lapped for multi-module applications

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 |

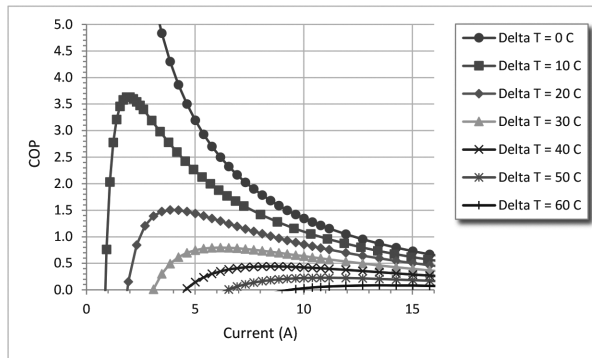
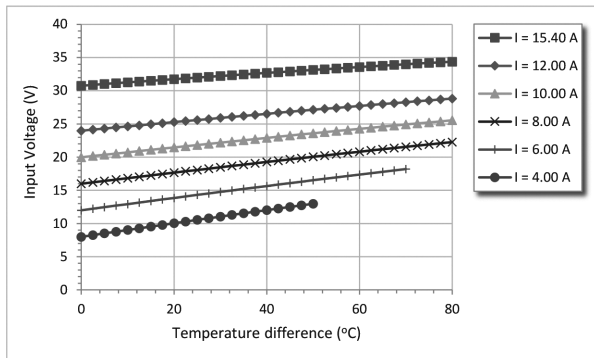
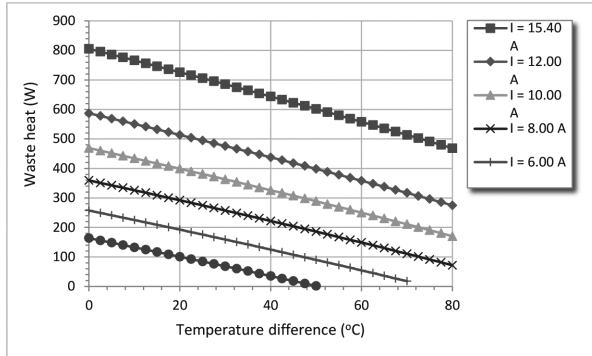
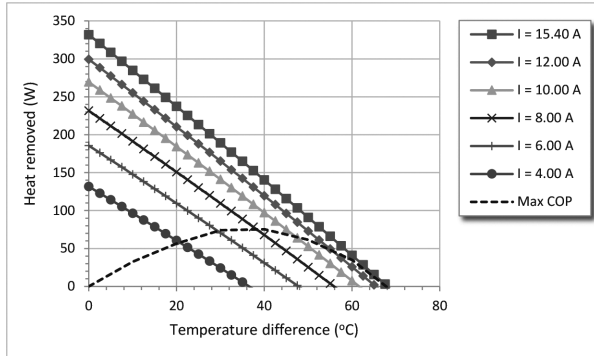
Internal resistance is measured by AC 4-terminal method at 25°C. I_{max} is the current at deltaT_{max}. V_{max} is the voltage at deltaT_{max}. Q_{max} is the cooling capacity at I_{max}, V_{max} and deltaT = 0°C. T_{max} is the temperature difference at I_{max}, V_{max} and Q=0W (Max parameters are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

Diagram

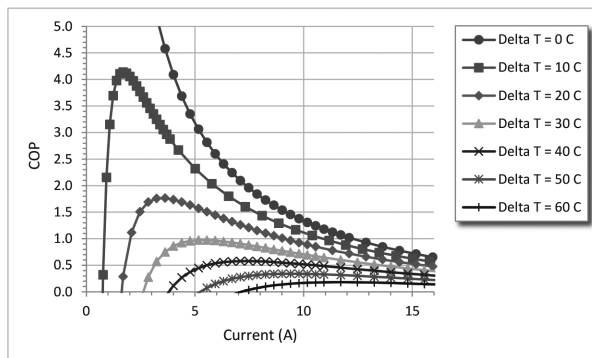
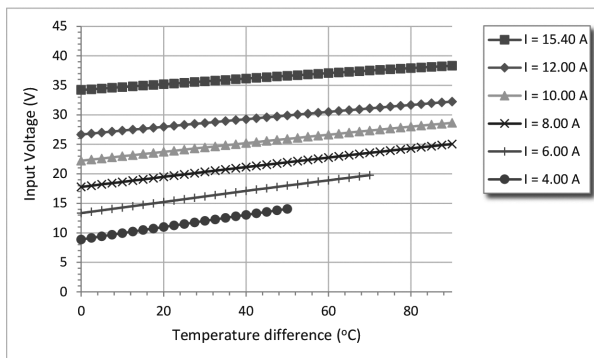
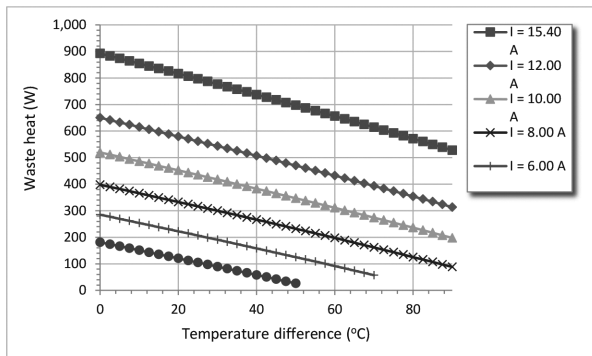
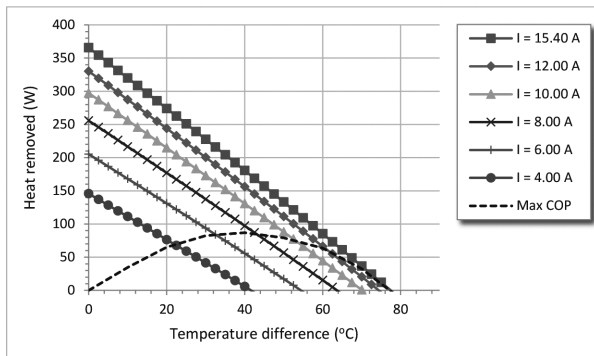


Peltier Cooler, 340W

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 |

