



Thermoelectric Cooler Performance Specifications

TEC1-125060-40X40 W150mm

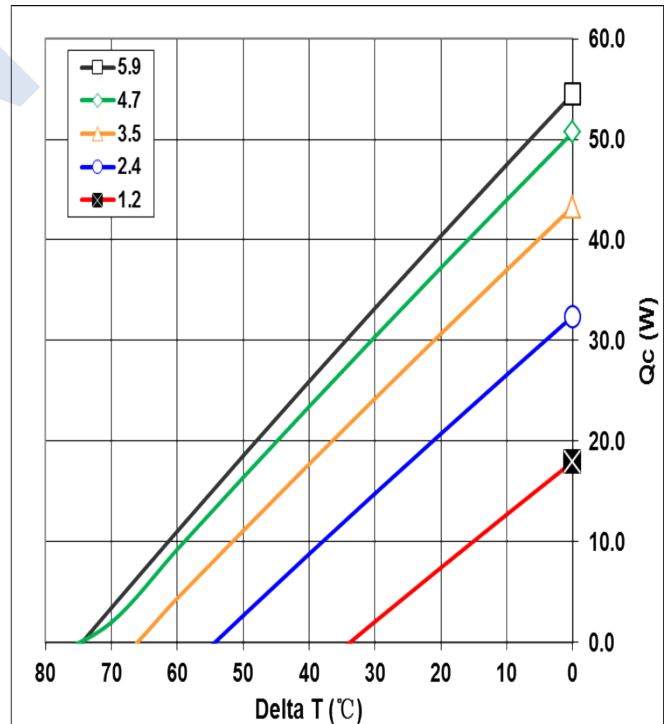
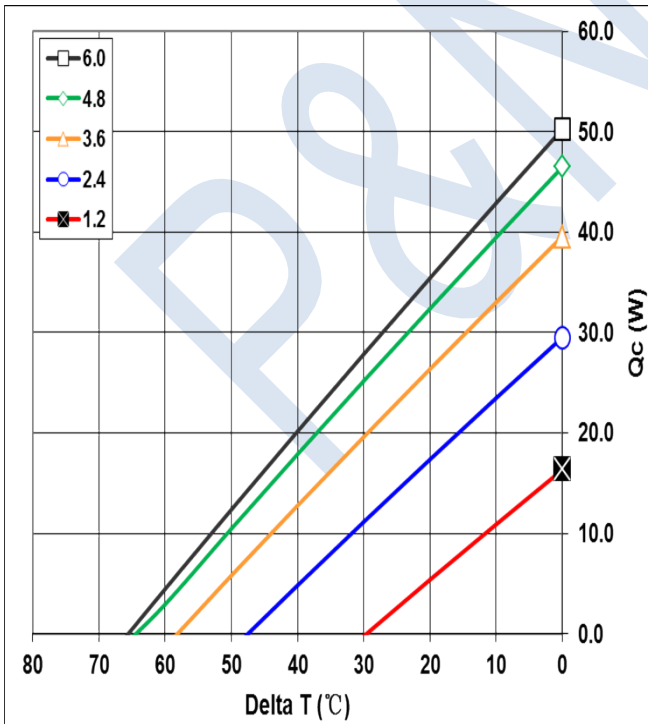
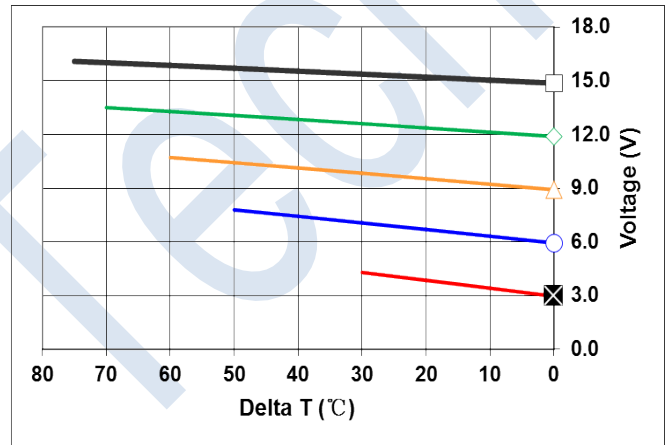
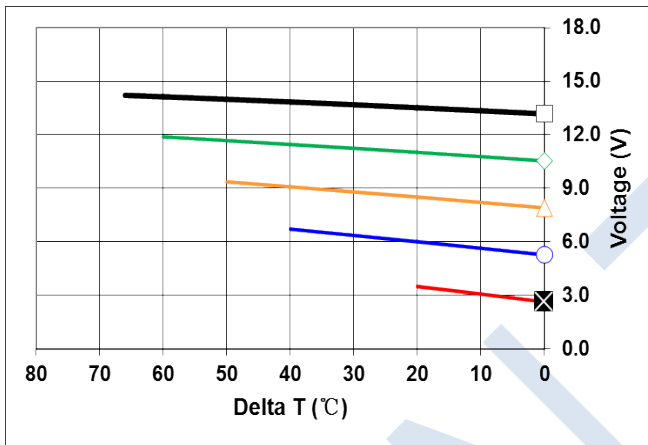
| Hot Side Temperature(°C) | 25 °C | 50 °C |
|--------------------------|-------|-------|
| Qmax (Watts)             | 50.7  | 54.5  |
| Delta Tmax(°C)           | 67    | 75    |
| I <sub>max</sub> (Amps)  | 6     | 6     |
| V <sub>max</sub> (Volts) | 15.2  | 16.1  |
| Module Resistance(Ohms)  | 2.22  | 2.50  |

\*\*Tolerances for thermal and electrical parameters ± 10%.

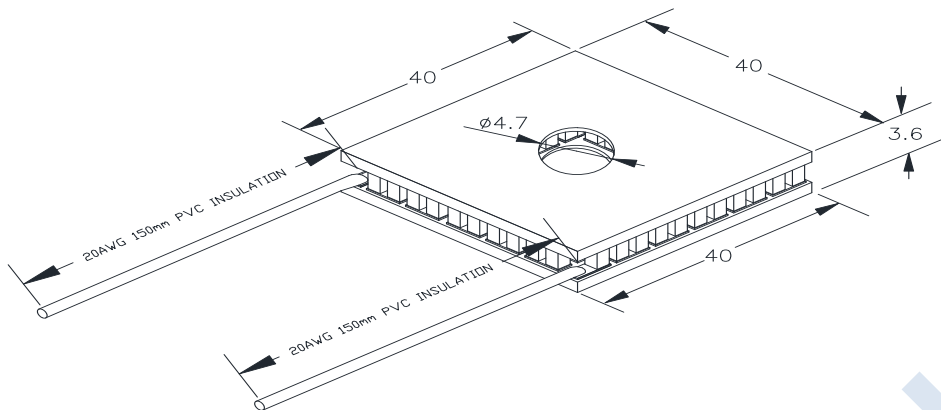


Performance Curves Th=25 °C

Performance Curves Th=50 °C



Mechanical Drawing:



**Operation Tips:**

- Max Operating Temperature: **90°C**.
- Do not exceed  $I_{max}$  or  $V_{max}$  when operating module.
- Please consult P&N Technology for moisture and corrosion protection options.

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