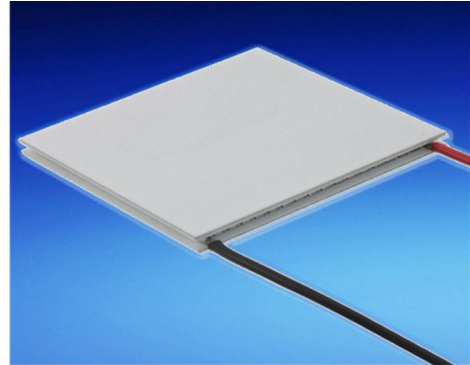


Thermoelectric Cooler Performance Specifications

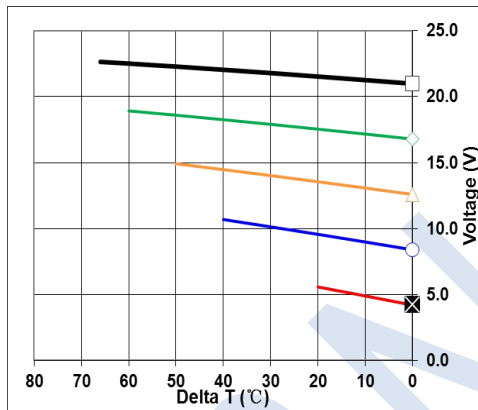
HP-199120-40X40 W150mm

Hot Side Temperature(°C)	27 °C	50 °C
Qmax (Watts)	166.4	180.4
Delta Tmax(°C)	70	75
I _{max} (Amps)	12	12
V _{max} (Volts)	22.6	25.6
Module Resistance(Ohms)	1.70	1.91

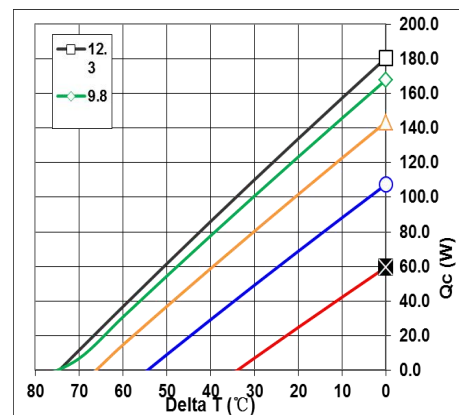
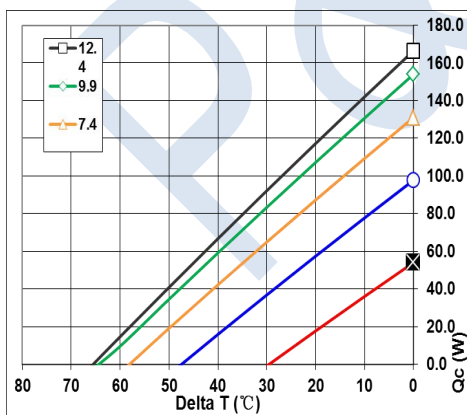
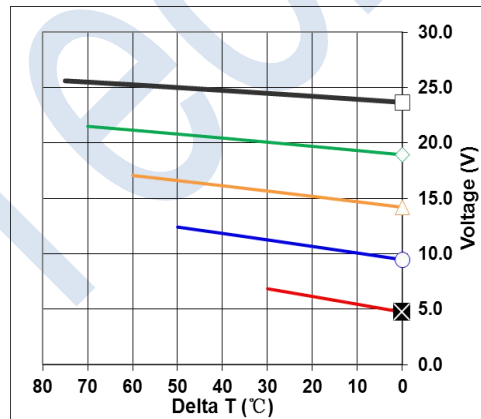
*Tolerances for thermal and electrical parameters ± 10%.



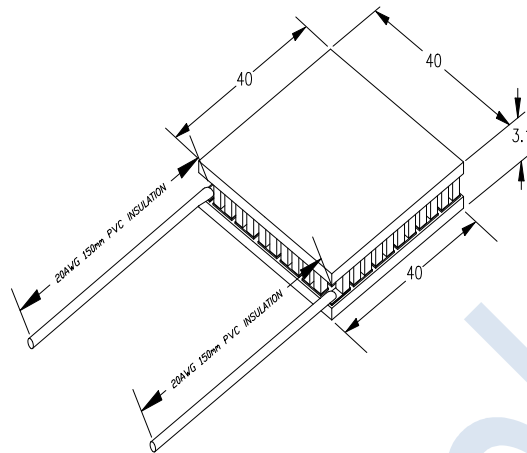
Performance Curves Th=27 °C



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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