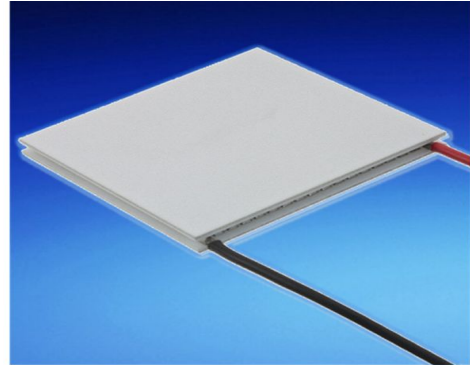


**Thermoelectric Cooler Performance Specifications**

**TEC1-127080-40X40 W150mm**

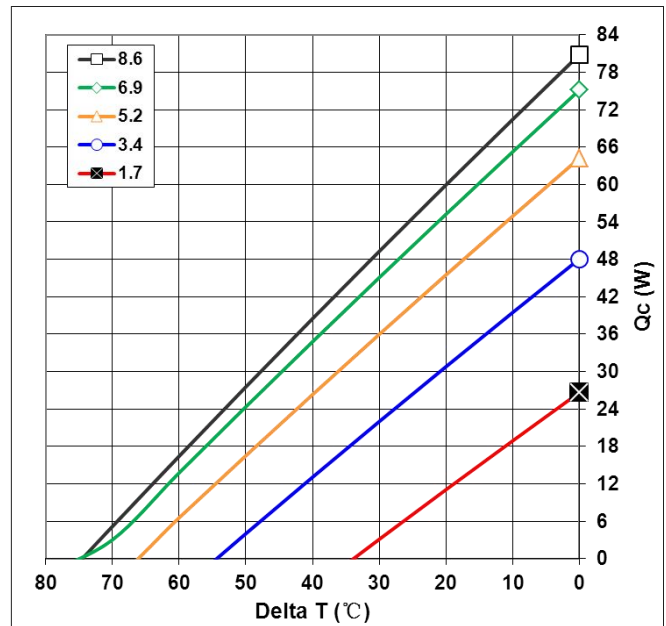
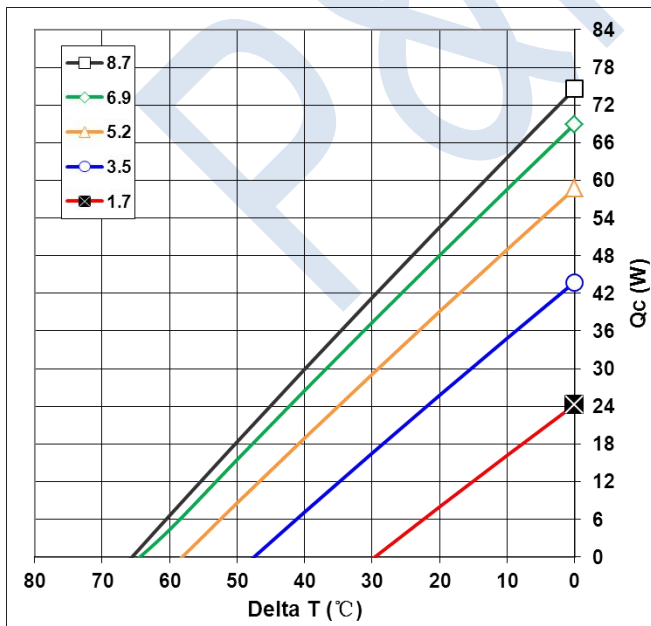
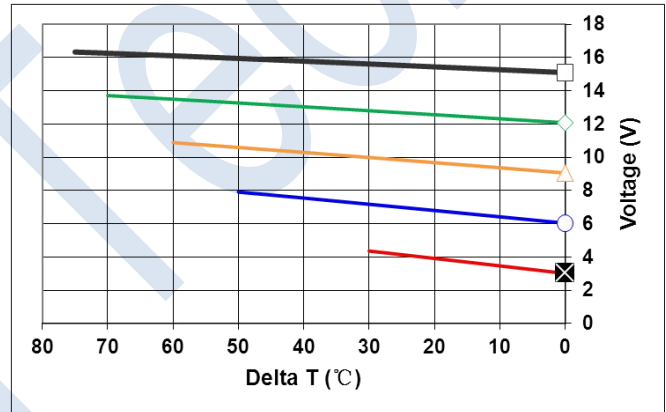
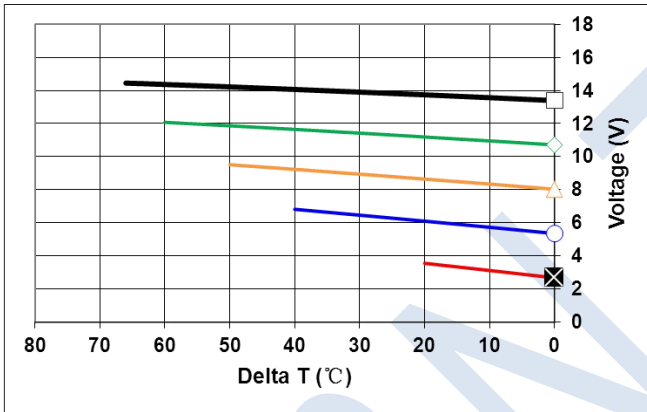
Hot Side Temperature(°C)	25 °C	50 °C
Qmax (Watts)	72	82
Delta Tmax(°C)	67	75
I <sub>max</sub> (Amps)	8.5	8.5
V <sub>max</sub> (Volts)	15.4	16.4
Module Resistance(Ohms)	1.54	1.74



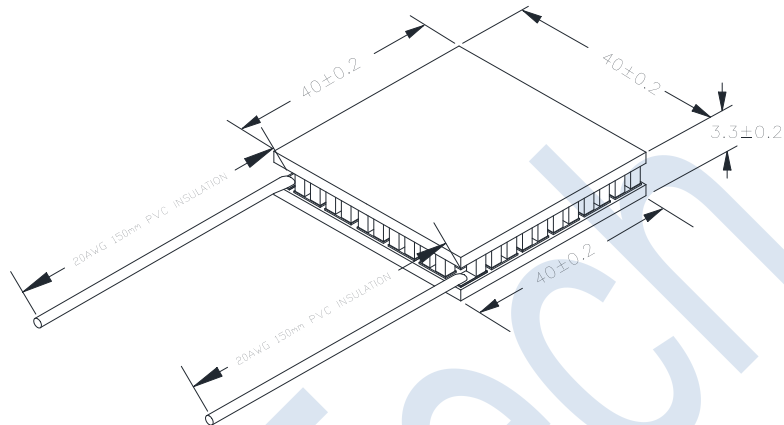
\*\*Tolerances for thermal and electrical parameters ± 10%.

**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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