



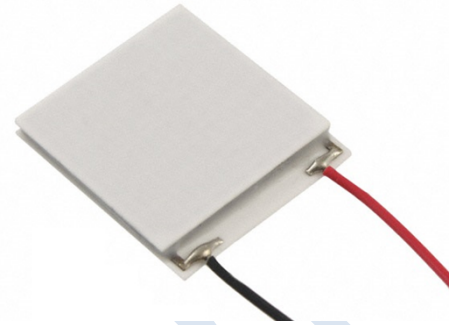
Thermoelectric Cooler Performance Specifications

热电模块性能规格书

HP-127080-40X44 W150mm

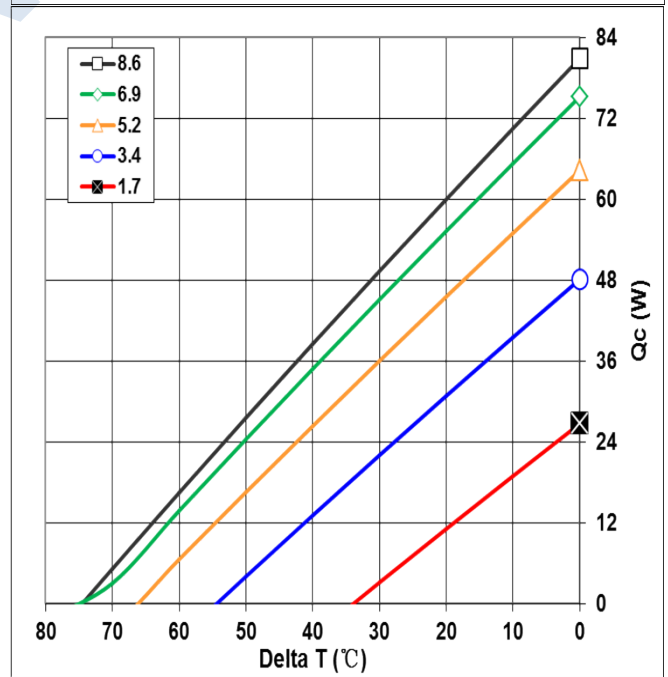
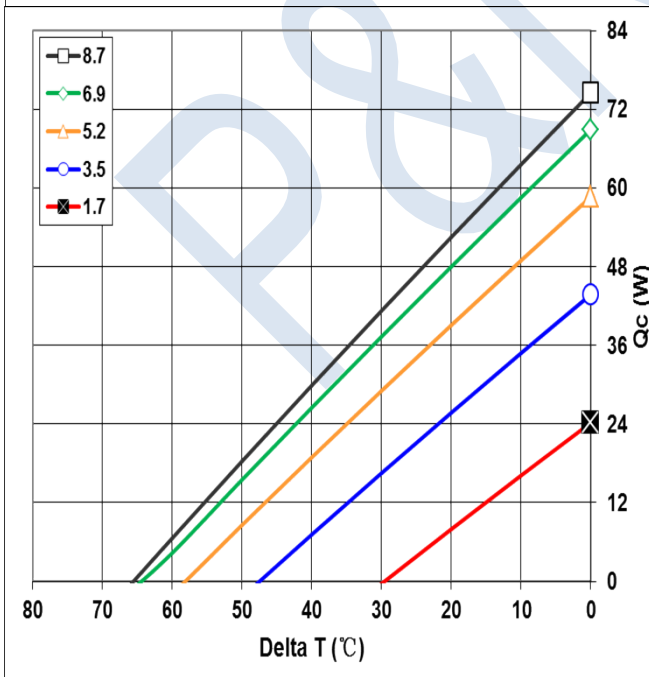
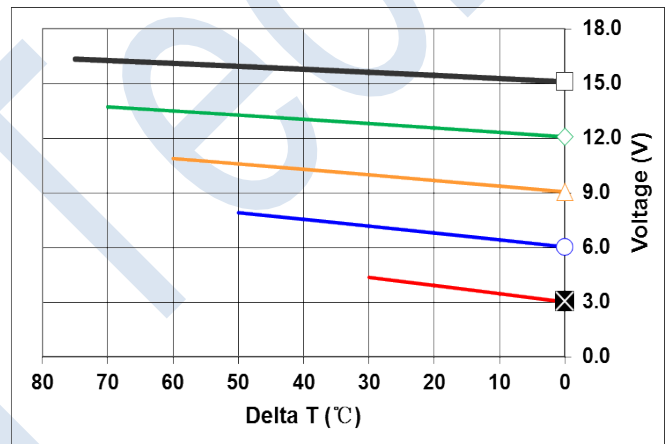
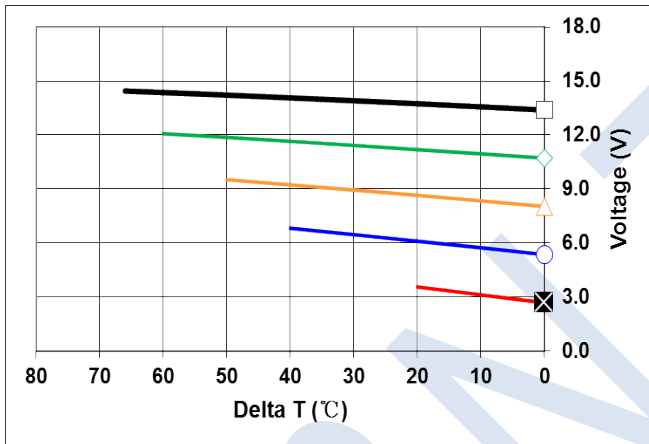
Hot Side Temperature(°C)热面温度(°C)	25 °C	50 °C
Qmax (Watts)最大制冷量(w)	77.0	80.8
Delta Tmax(°C)最大温度差(°C)	68	75
I _{max} (Amps)最大输入电流(A)	8.5	8.5
V _{max} (Volts)最大输入电压(V)	15.4	16.3
ModuleResistance(Ohms)电阻值(Ω)	1.54	1.74

**Tolerances for thermal and electrical parameters ± 10%.
热电参数的公差 ±10%

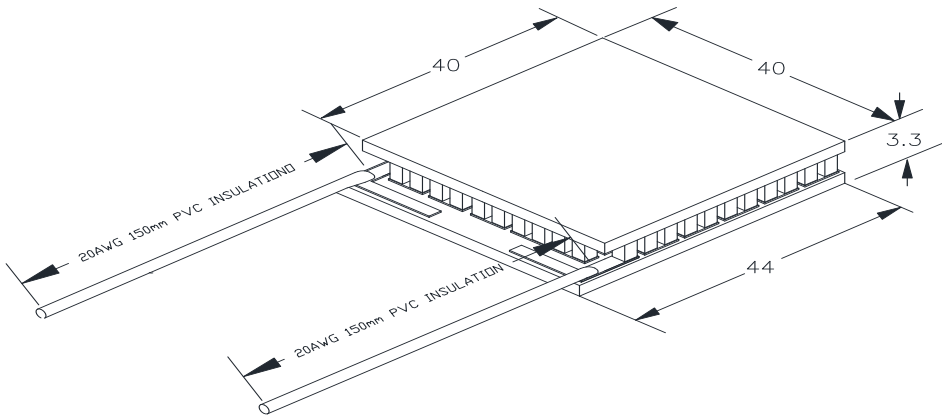


Performance Curves Th=25 °C

Performance Curves Th=50 °C



Mechanical Drawing (示意图) :



Operation Tips:

操作提示:

- Max Operating Temperature: **90°C**.
最大工作温度:90°C
- Do not exceed I_{max} or V_{max} when operating module.
不超过最大电流或最大电压操作模块
- Please consult P&N Technology for moisture and corrosion protection options.
防潮防腐蚀事项请咨询鹏南科技

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