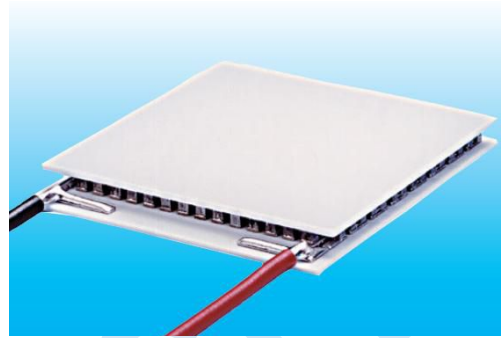


Thermoelectric Cooler Performance Specifications

热电模块性能规格书

HP-161080-40X44 W150mm

Hot Side Temperature(°C)热面温度(°C)	25 °C	50 °C
Qmax (Watts)最大制冷量(w)	94.5	102.5
Delta Tmax(°C)最大温度差(°C)	68	75
I <sub>max</sub> (Amps)最大输入电流 (A)	8.5	8.5
V <sub>max</sub> (Volts)最大输入电压 (V)	20.0	20.7
ModuleResistance(Ohms)电阻值 (Ω)	1.95	2.21

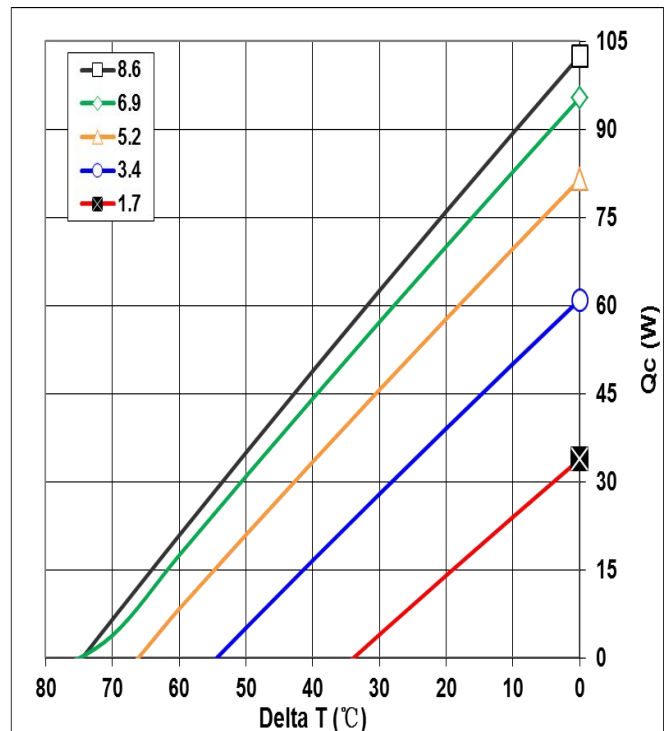
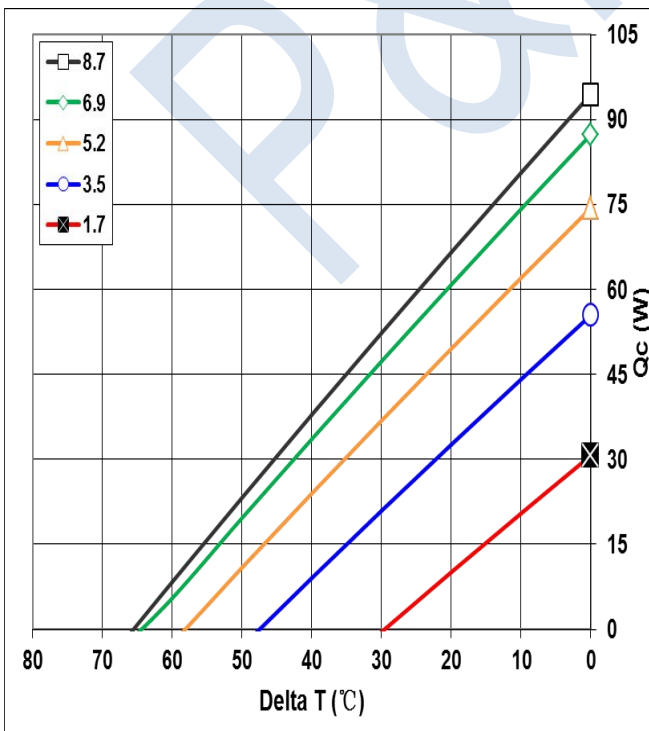
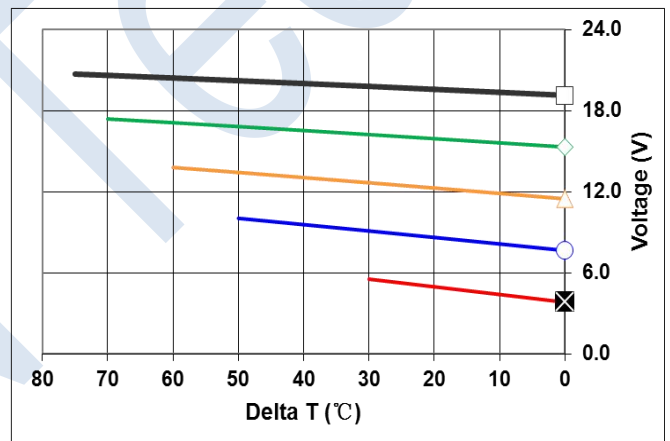
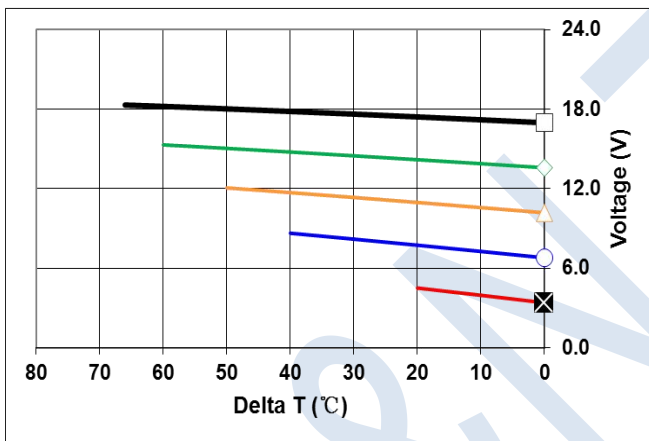


\*\*Tolerances for thermal and electrical parameters ± 10%.

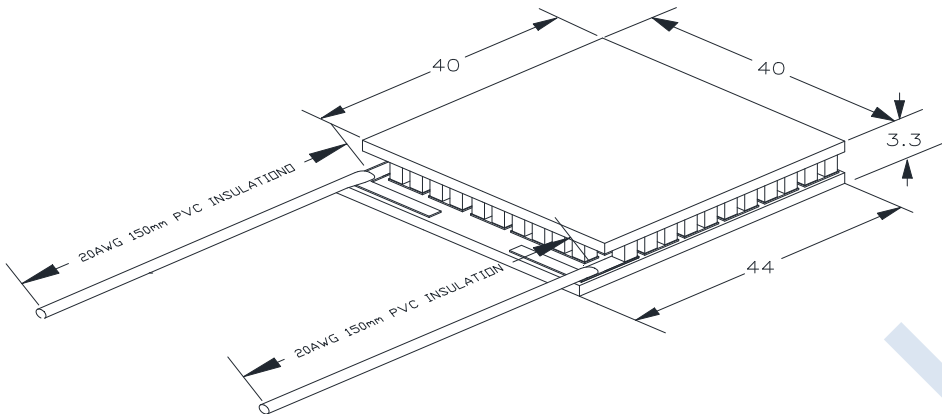
热电参数的公差 ±10%

Performance Curves Th=25 °C (性能曲线 Th=25°C)

Performance Curves Th=50 °C (性能曲线 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<sub>max</sub> or V<sub>max</sub> 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.**  
防潮防腐事项请咨询鹏南科技

**Address:** 5/F Xinfei Building 28<sup>th</sup> Xiangming Road, Torch (xiang'an) Hi-tech Zone, Xiamen Fujian China.

地址: 中国福建省厦门火炬高新区(翔安)产业区翔明路28号新飞大厦5楼

**Sales Tel:** + 86 - 592 - 352 1988**Fax:** +86-592-352 1989**Postcode:** 361 011**Web:** [www.pengnantech.com](http://www.pengnantech.com)