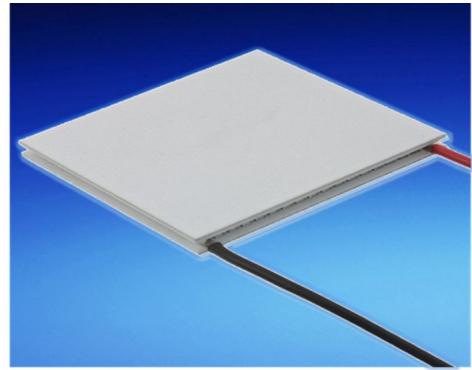


Thermoelectric Cooler Performance Specifications

热电模块性能规格书

TEC1-031080-20X20 W150mm

Hot Side Temperature(°C)热面温度(°C)	25 °C	50 °C
Qmax (Watts)最大制冷量(w)	16.8	20.3
Delta Tmax(°C)最大温度差(°C)	67	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)	3.75	4.1
ModuleResistance(Ohms)电阻值 (Ω)	0.38	0.42

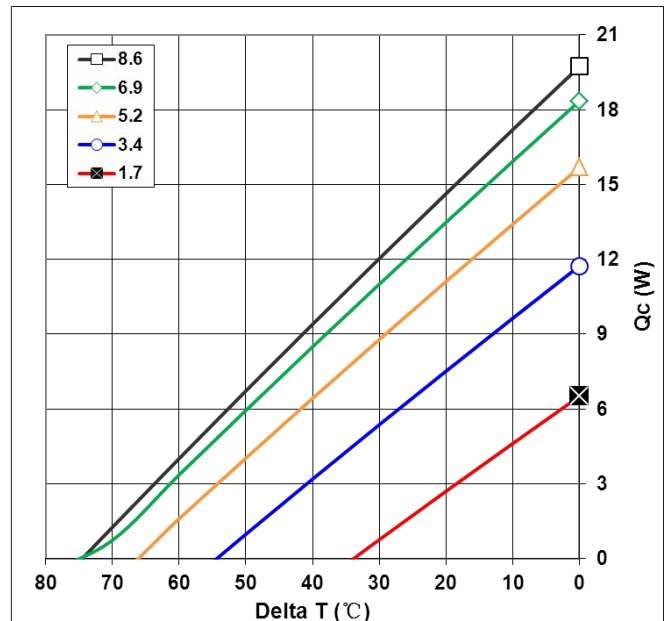
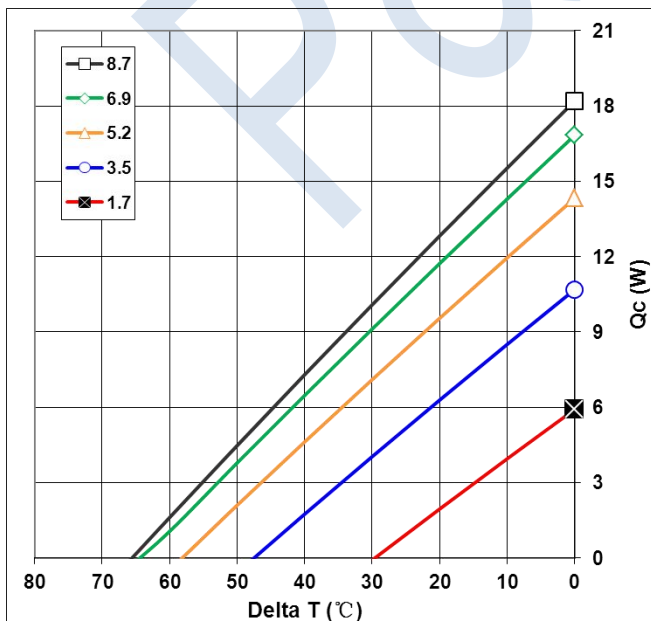
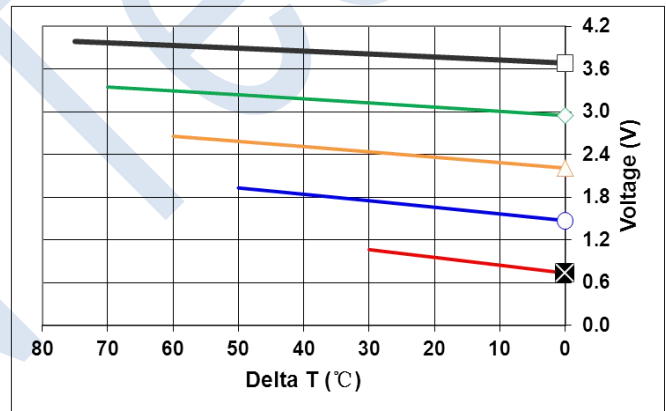
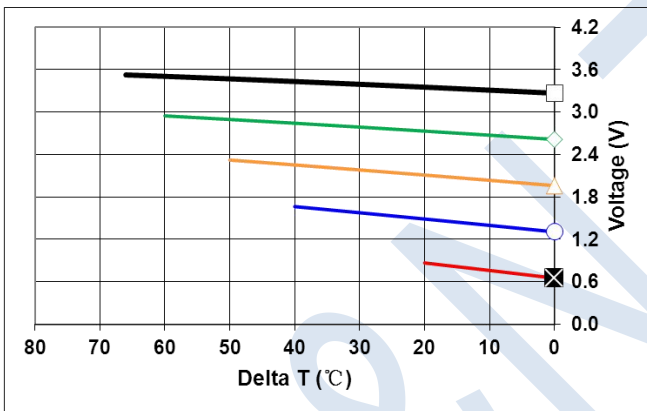


**Tolerances for thermal and electrical parameters ± 10%.

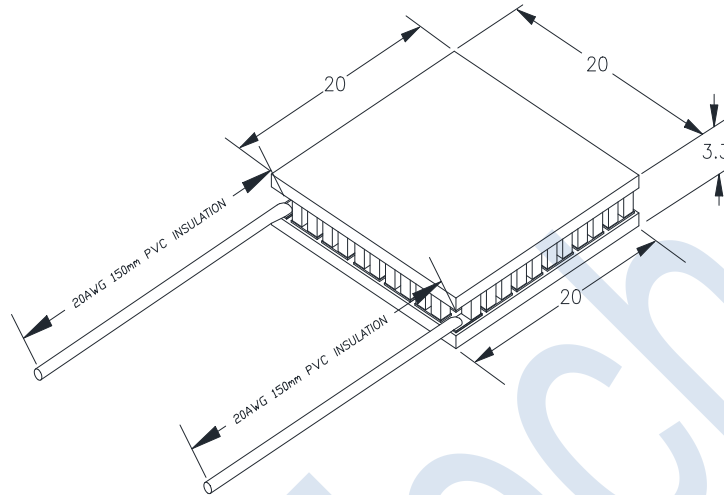
热电参数的公差 ±10%

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_{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.**
防潮防腐事项请咨询鹏南科技

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