

Thermoelectric Cooler Performance Specifications

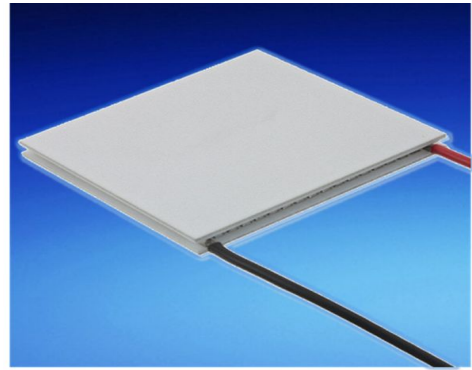
热电模块性能规格书

TEC1-071040-30X30 W150mm

Hot Side Temperature(°C)热面温度(°C)	25 °C	50 °C
Qmax (Watts)最大制冷量(w)	18.7	21.9
Delta Tmax(°C)最大温度差(°C)	67	75
I <sub>max</sub> (Amps)最大输入电流 (A)	3.9	3.9
V <sub>max</sub> (Volts)最大输入电压 (V)	8.6	9.6
ModuleResistance(Ohms)电阻值 (Ω)	1.8	2.03

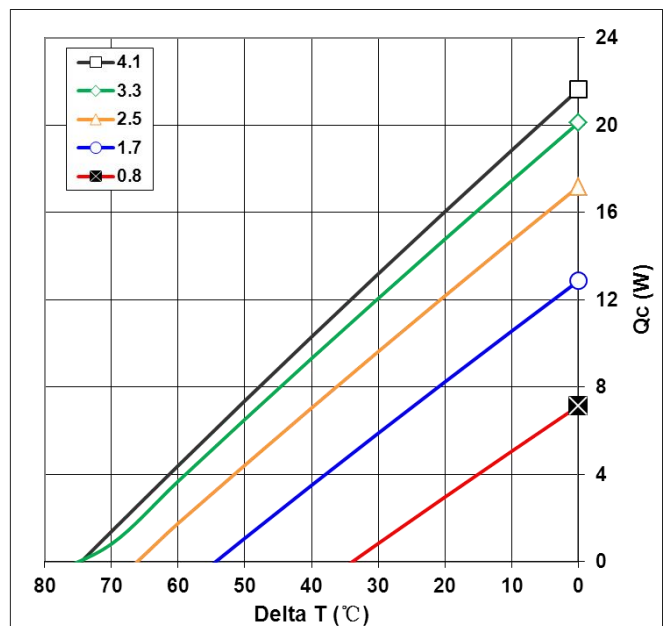
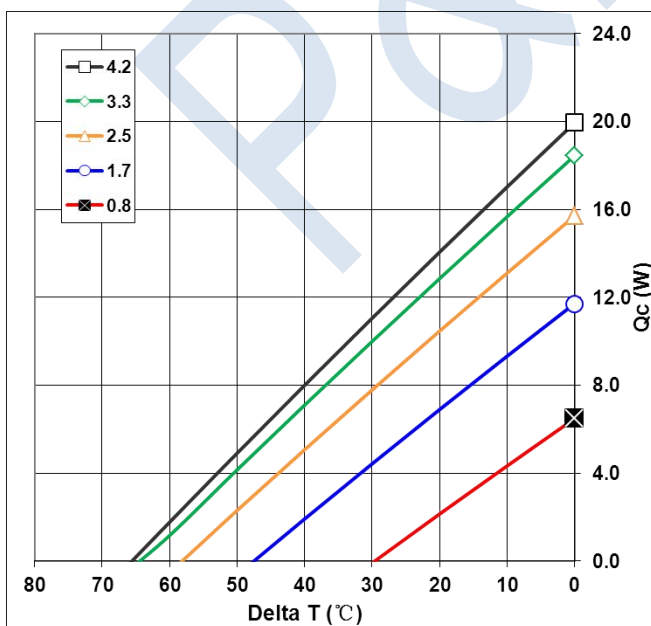
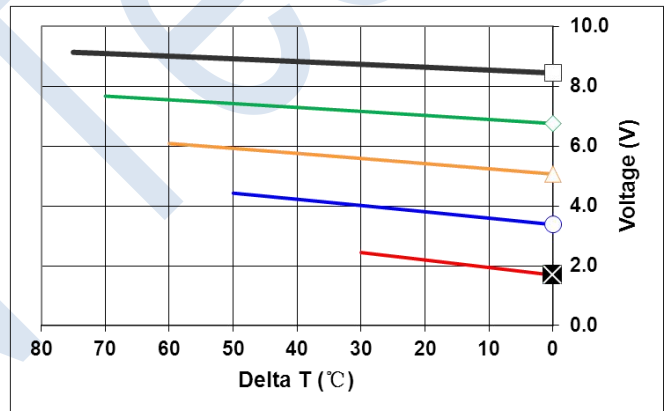
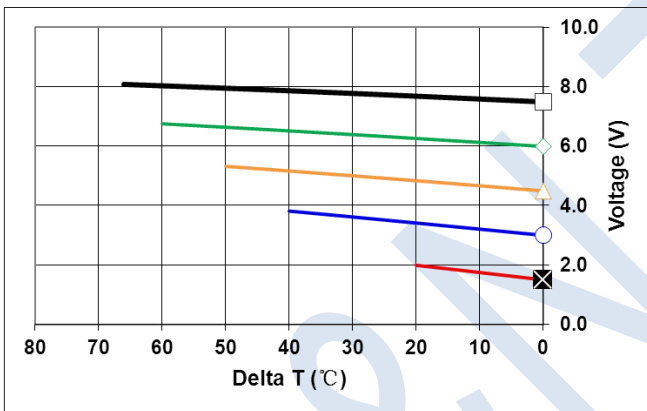
\*\*Tolerances for thermal and electrical parameters ± 10%.

热电参数的公差 ±10%

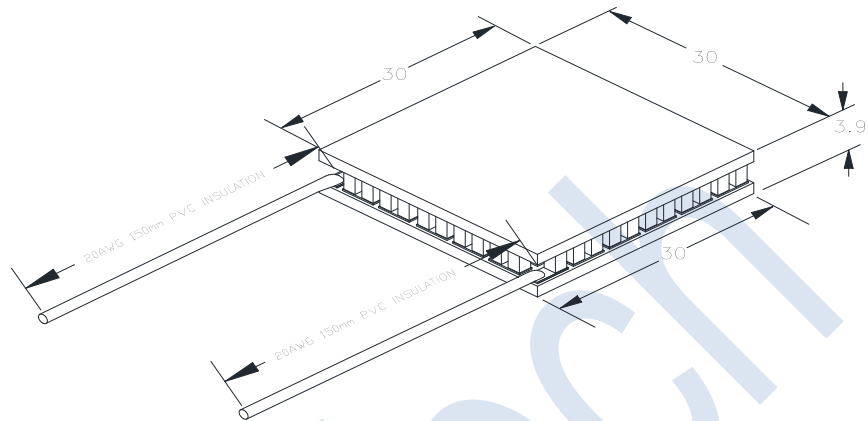


Performance Curves Th=25 °C (性能曲线 Th=25°C)

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.  
防潮防腐蚀事项请咨询鹏南科技

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