



Thermoelectric Cooler Performance Specifications

热电模块性能规格书

TES1-125030-30X30 W150mm

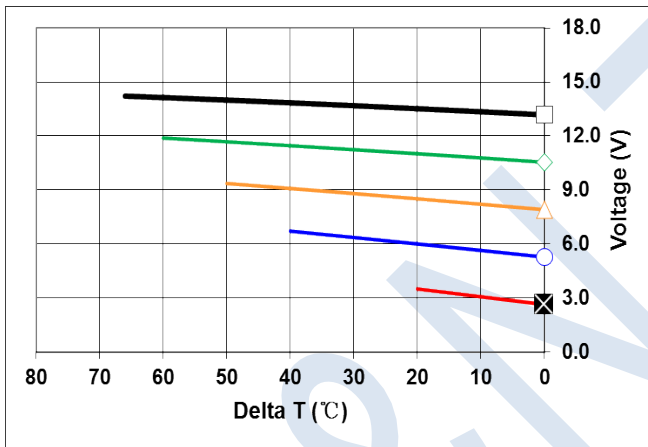
Hot Side Temperature(°C)热面温度(°C)	25 °C	50 °C
Qmax (Watts)最大制冷量(w)	25.3	29.5
Delta Tmax(°C)最大温度差(°C)	67	75
I _{max} (Amps)最大输入电流(A)	3	3
V _{max} (Volts)最大输入电压(V)	15.2	16.1
ModuleResistance(Ohms)电阻值(Ω)	4.1	4.6

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



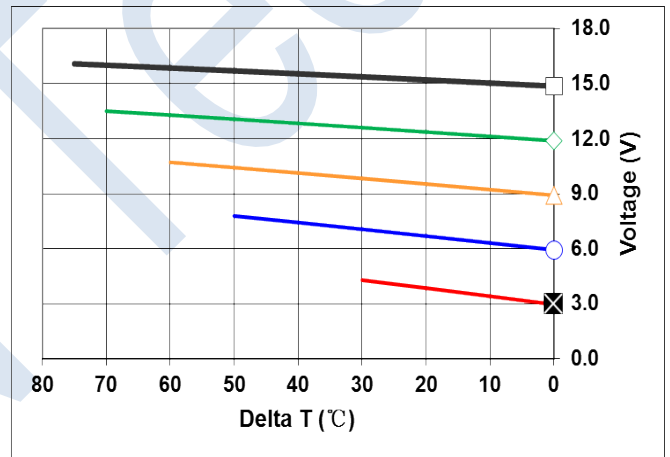
Performance Curves Th=25 °C

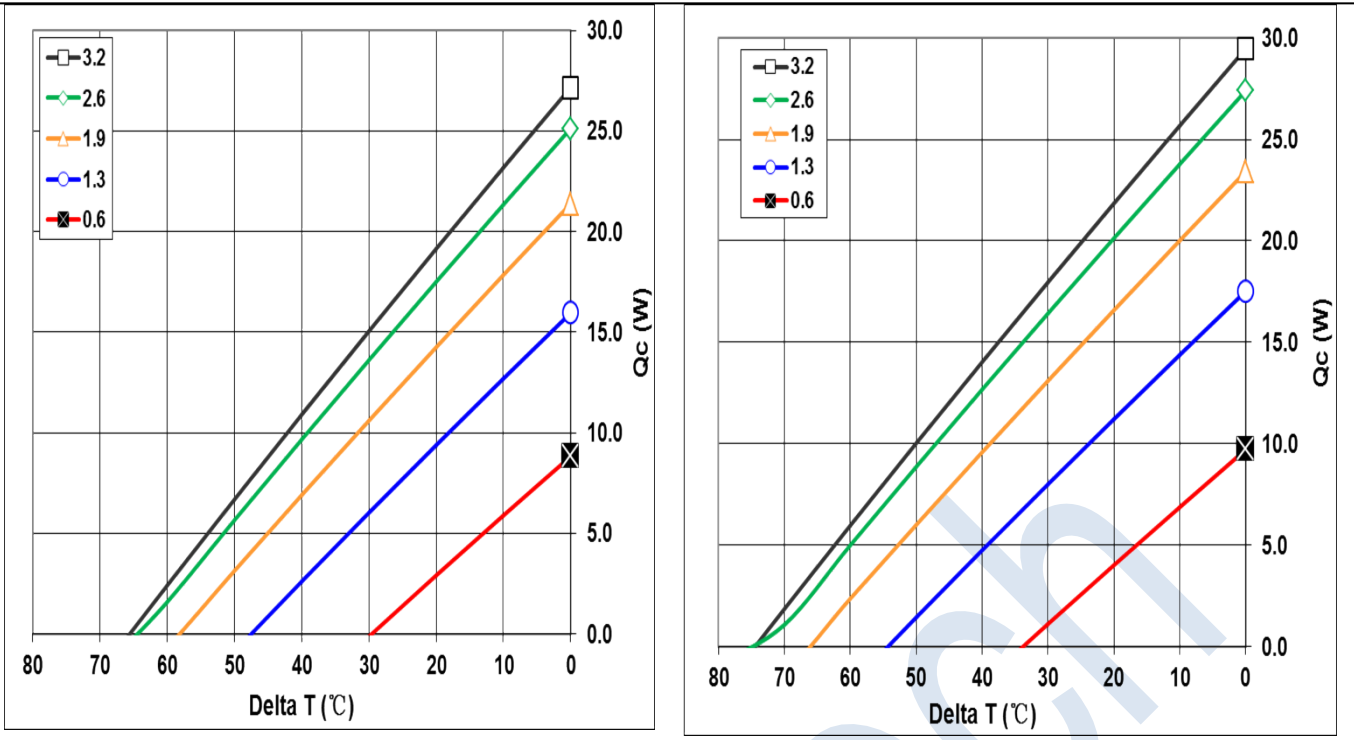
(性能曲线Th=25°C)



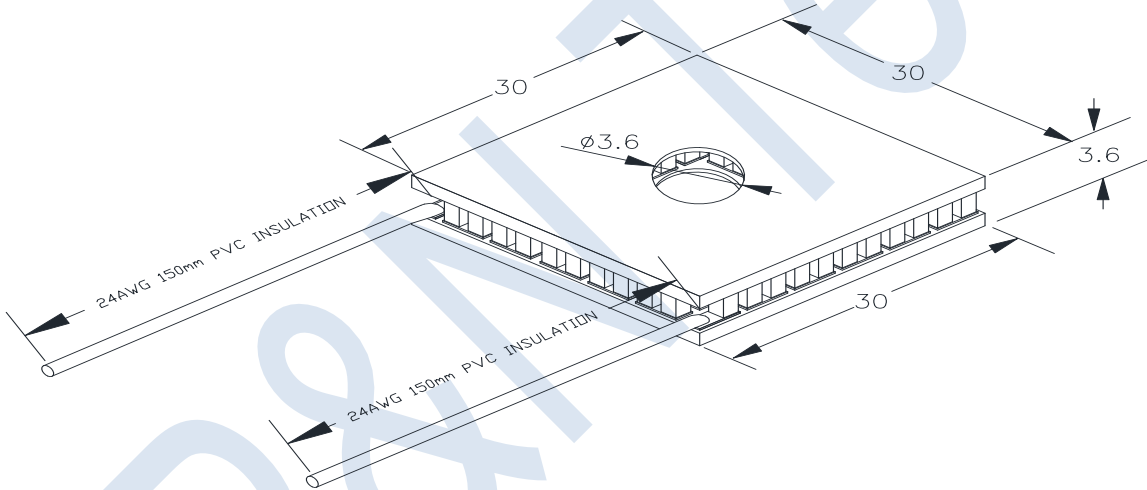
Performance Curves Th=50 °C(性能曲线

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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