

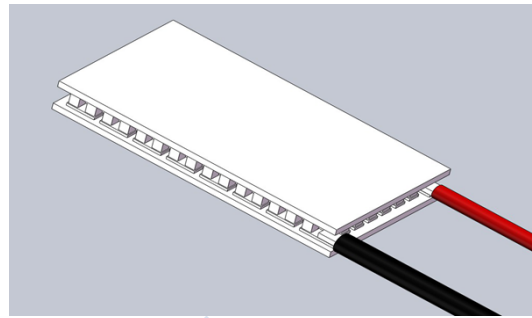


Thermoelectric Cooler Performance Specifications

TES1-063021-12X25 W150mm

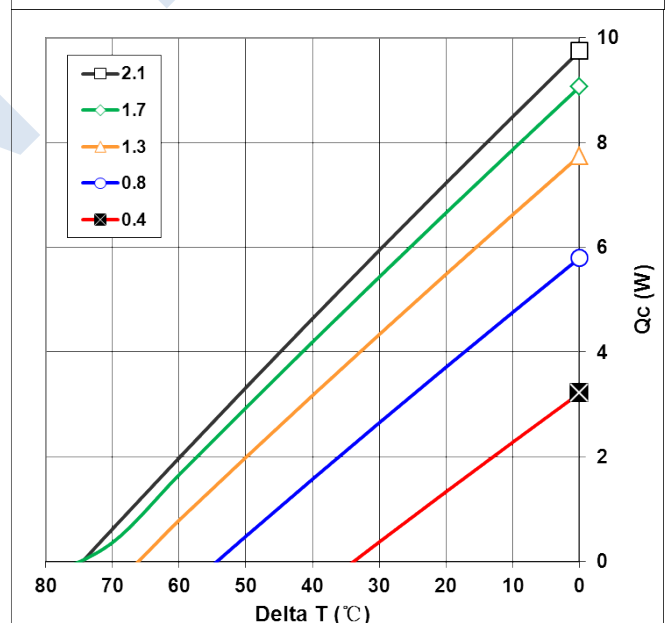
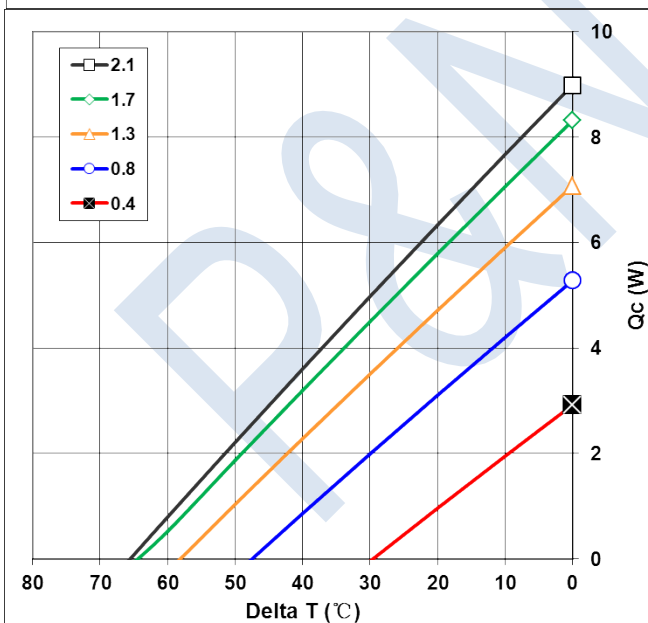
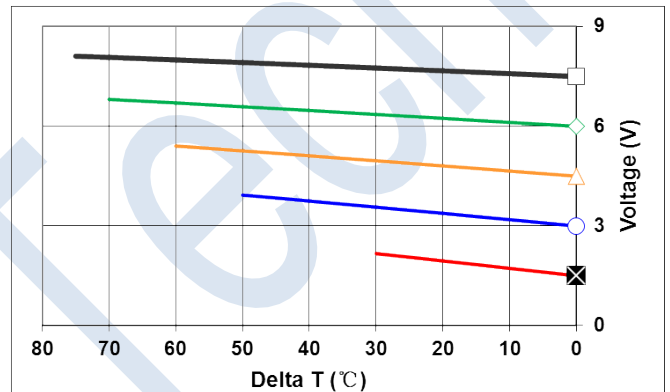
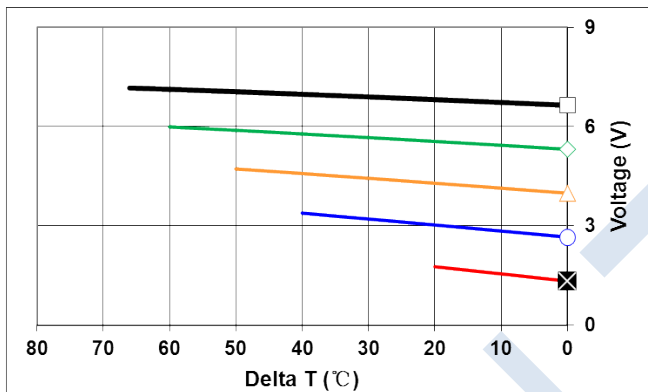
Hot Side Temperature(°C)	25 °C	50 °C
Qmax (Watts)	9	9.8
Delta Tmax(°C)	67	75
I _{max} (Amps)	2.1	2.1
V _{max} (Volts)	7.62	8.3
Module Resistance(Ohms)	3.15	3.55

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

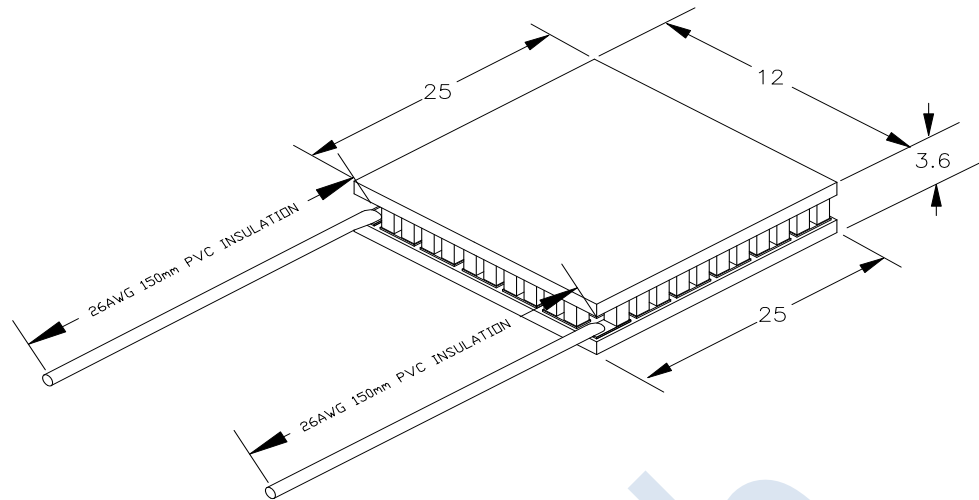


Performance Curves Th=25 °C

Performance Curves Th=50 °C



Mechanical Drawing:



Operation Tips:

- Max Operating Temperature: **90°C**.
- Do not exceed I_{max} or V_{max} when operating module.
- Please consult P&N Technology for moisture and corrosion protection options.

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