

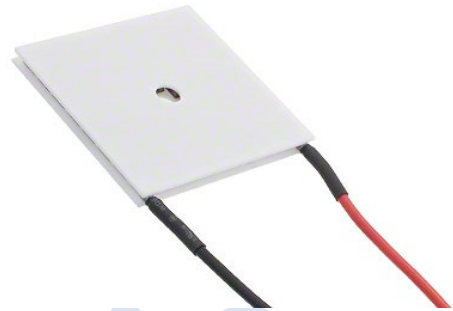


Thermoelectric Cooler Performance Specifications

TES1-028025-10.3X14.7 W150mm

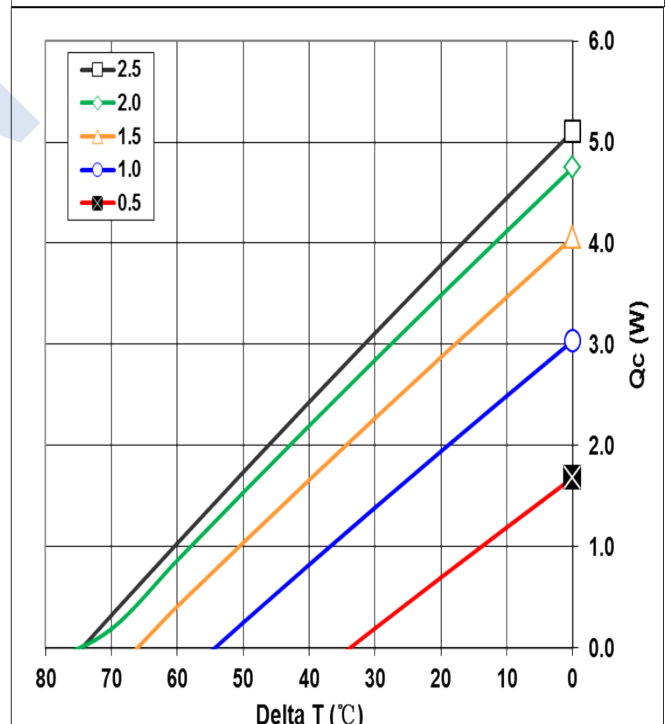
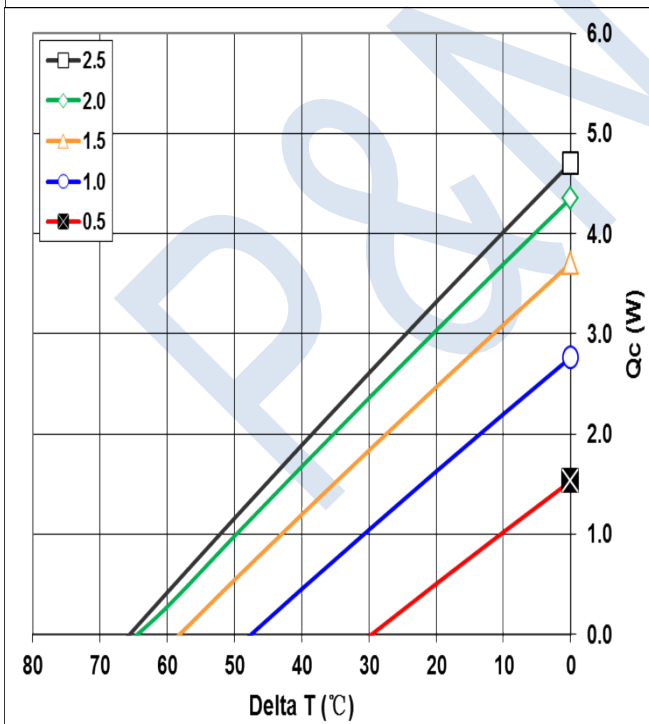
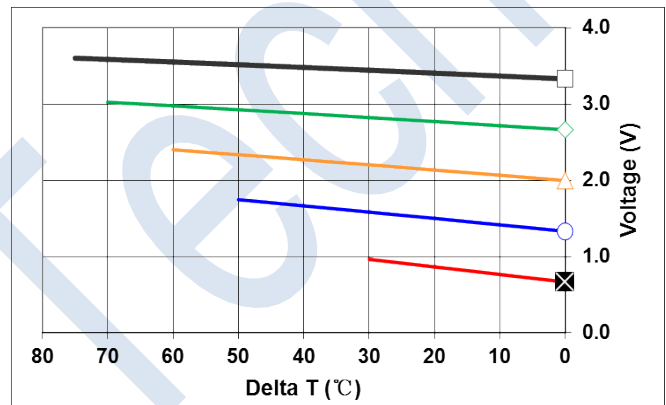
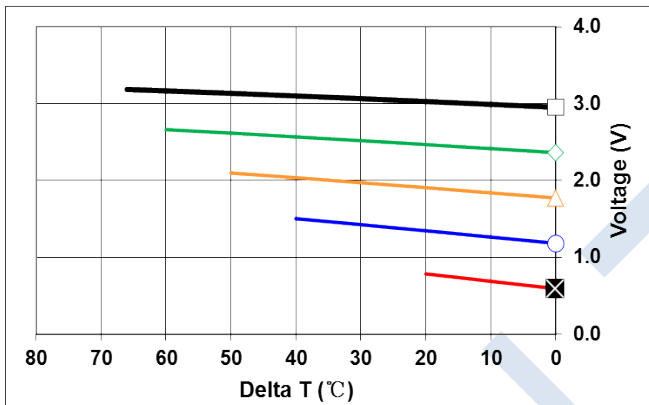
Hot Side Temperature(°C)	25 °C	50 °C
Qmax (Watts)	4.9	5.1
Delta Tmax(°C)	67	75
I _{max} (Amps)	2.6	2.6
V _{max} (Volts)	3.6	3.6
Module Resistance(Ohms)	1.19	1.34

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

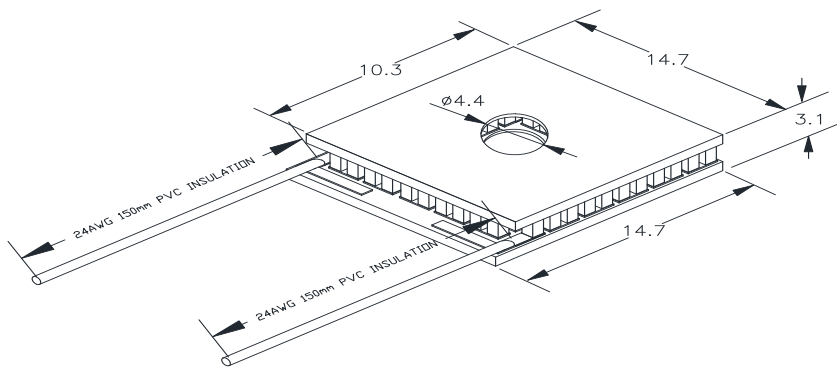


Performance Curves Th=25 °C

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.

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

Sales Tel: + 86 - 592 - 352 1988

Fax: +86-592-352 1989

Postcode: 361 011

Web: www.pengnantech.com