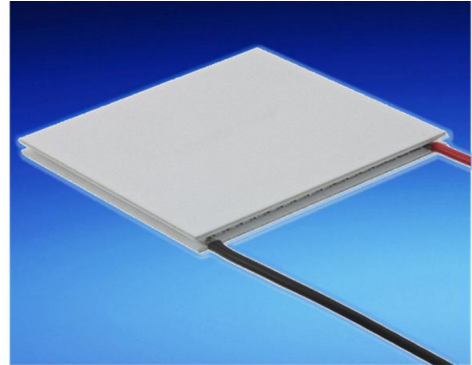


**Thermoelectric Cooler Performance Specifications**

**TES1-017021-9X9S-W150**

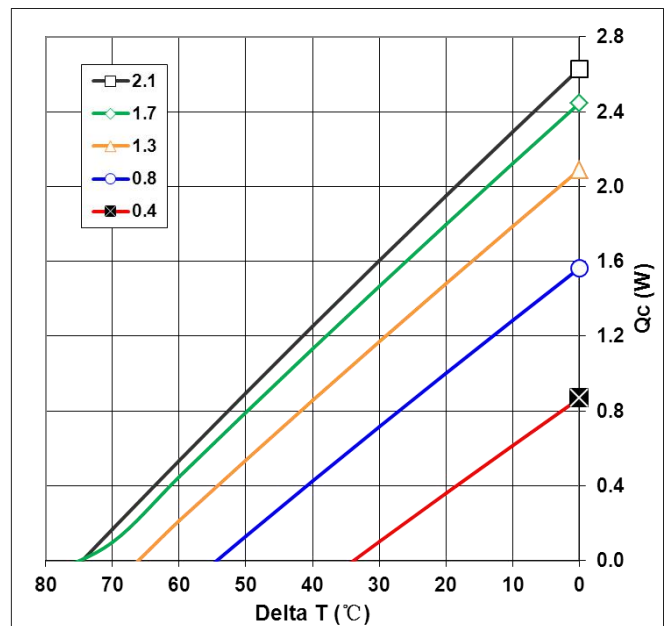
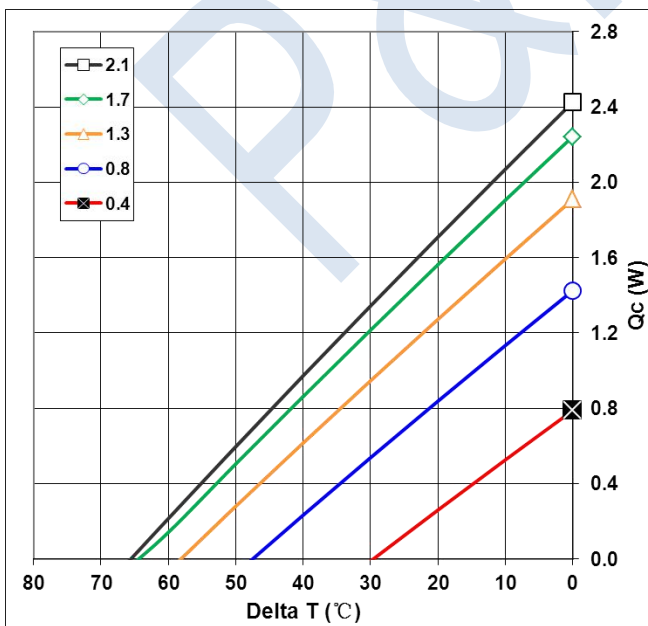
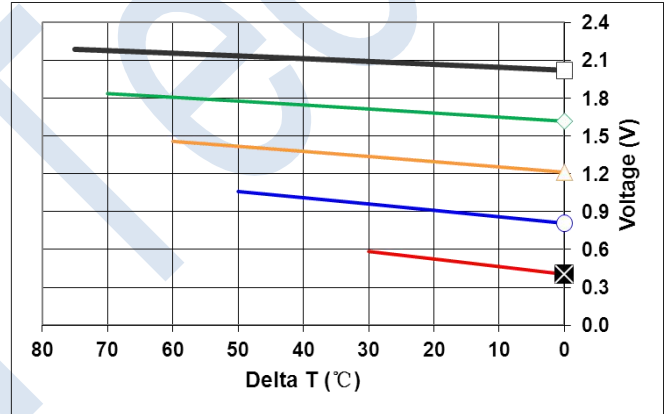
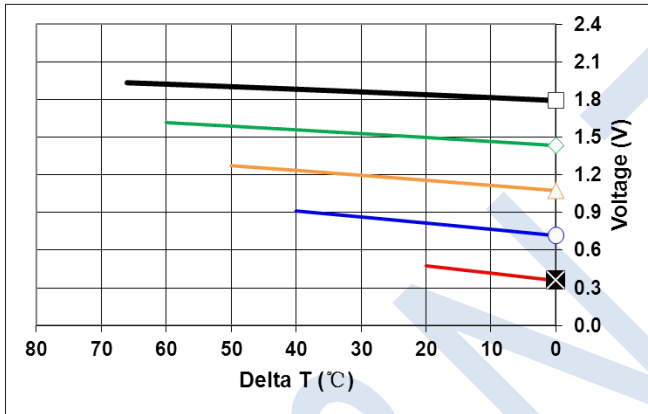
Hot Side Temperature(°C)	27 °C	50 °C
Qmax (Watts)	2.4	2.62
Delta Tmax(°C)	68	75
I <sub>max</sub> (Amps)	2.1	2.1
V <sub>max</sub> (Volts)	2.1	2.25
Module Resistance(Ohms)	0.85	0.96

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

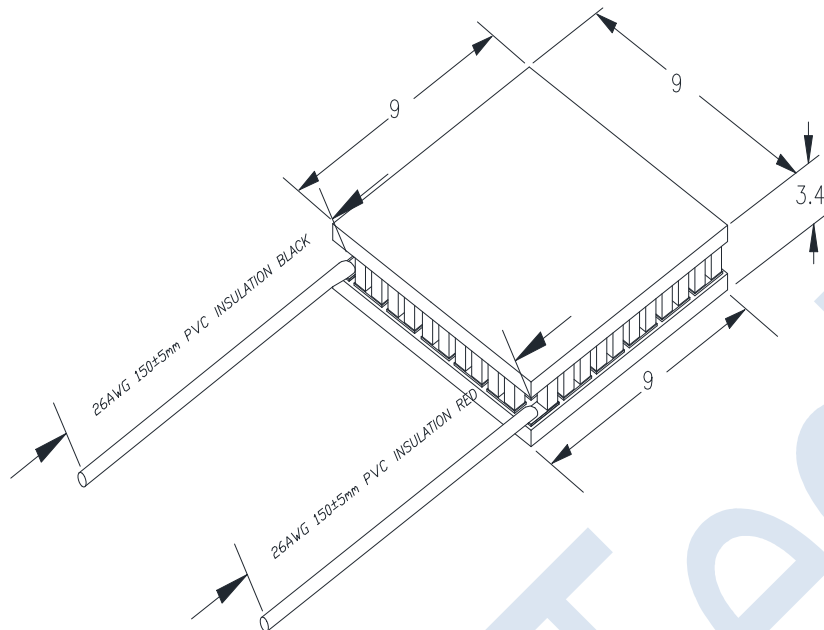


**Performance Curves Th=27 °C**

**Performance Curves Th=50 °C**



## Mechanical Drawing:



Module is sealant by RTV sealant.

**Operation Tips:**

- Max Operating Temperature: **90°C**.
- Do not exceed I<sub>max</sub> or V<sub>max</sub> when operating module.
- Please consult P&N Technology for moisture and corrosion protection options.

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