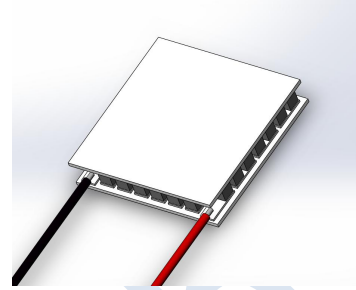


Thermoelectric Cooler Performance Specifications

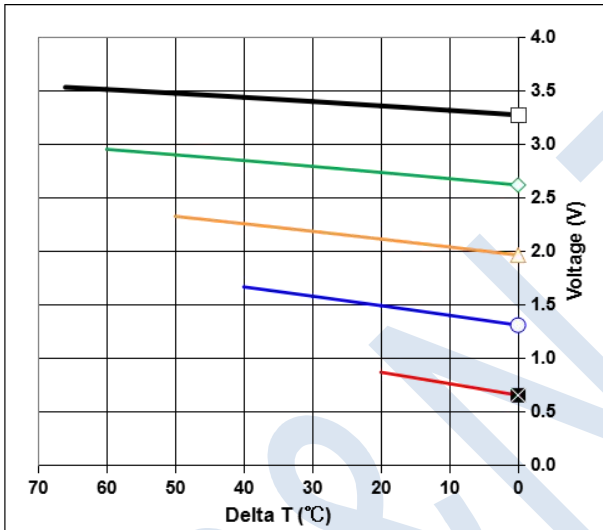
TEC1-031040-20X20S-W150

| | | |
|--------------------------|-------|-------|
| Hot Side Temperature(°C) | 27 °C | 50 °C |
| Qmax (Watts) | 8.2 | 8.9 |
| Delta Tmax(°C) | 69 | 75 |
| I _{max} (Amps) | 3.9 | 3.9 |
| V _{max} (Volts) | 3.8 | 3.98 |
| Module Resistance(Ohms) | 0.832 | 0.938 |

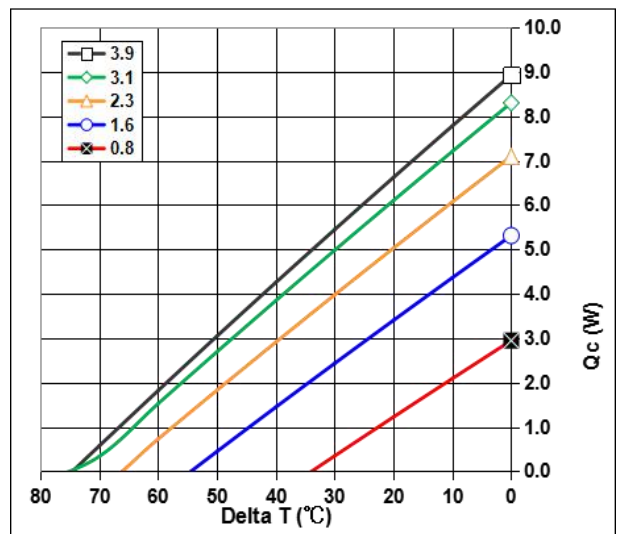
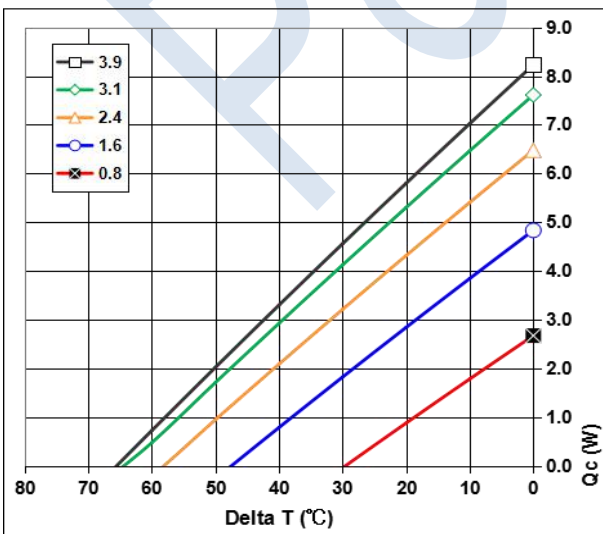
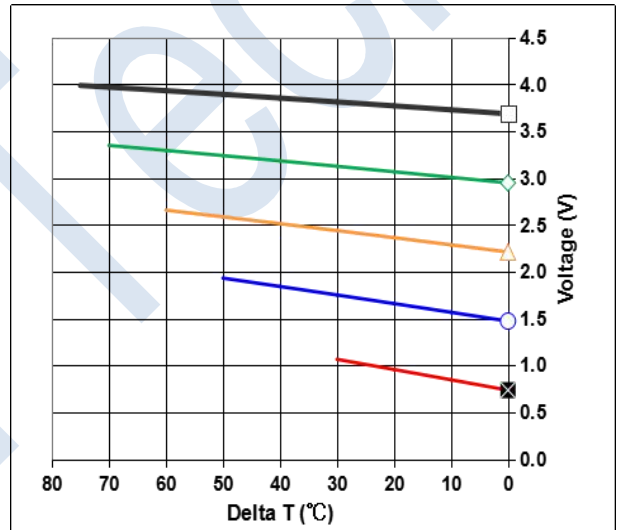
**Tolerances for thermal and electrical parameters ± 10%.



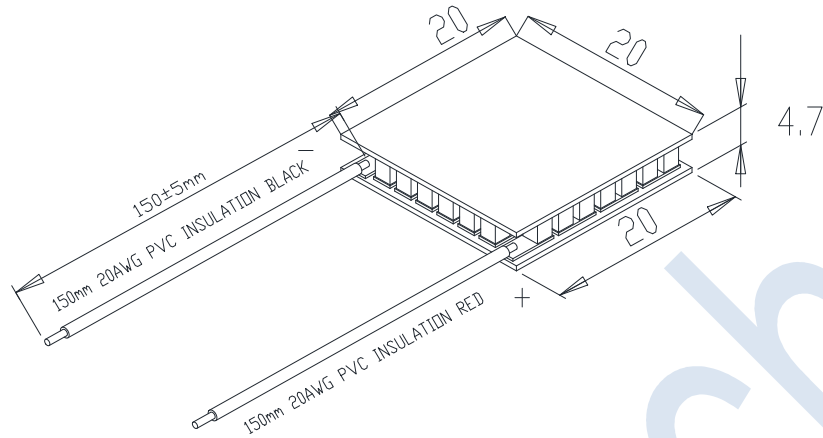
Performance Curves Th=27 °C



Performance Curves Th=50 °C



Mechanical Drawing:



Module is sealed by RTV sealant.

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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