



Thermoelectric Cooler Performance Specifications

TES1-024015-8.8X10.8 W150mm

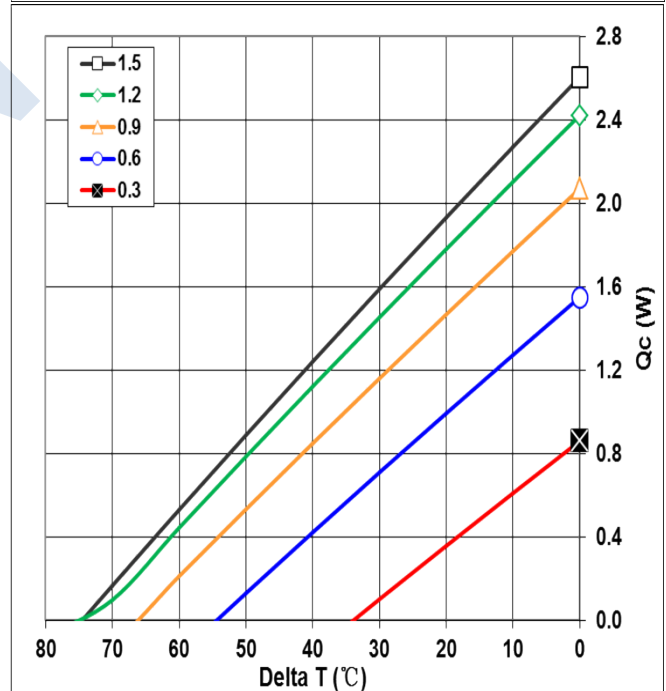
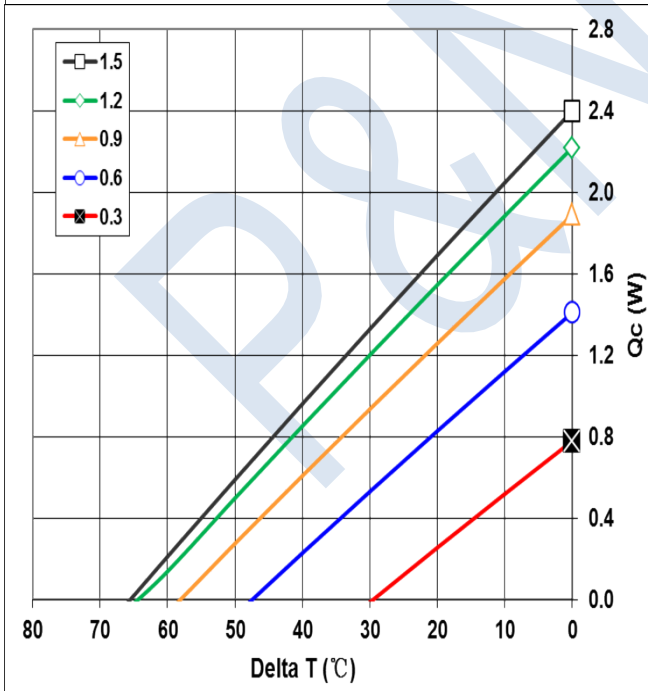
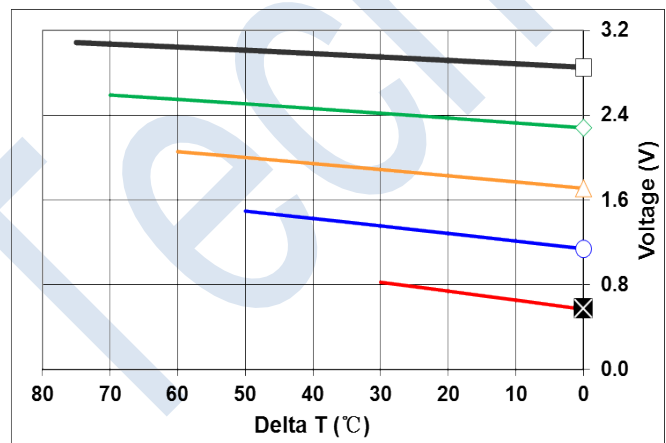
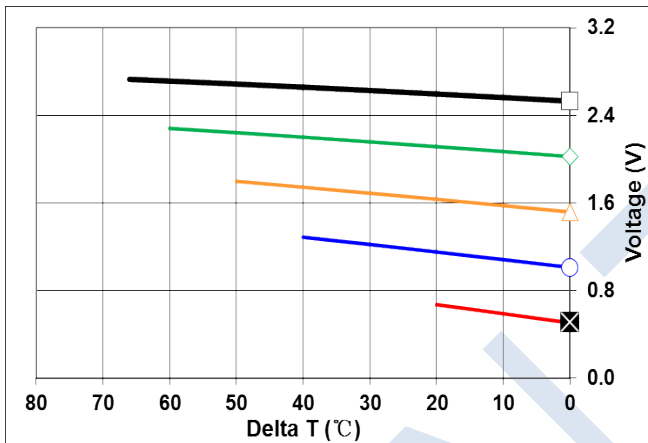
| Hot Side Temperature(°C) | 25 °C | 50 °C |
|--------------------------|-------|-------|
| Qmax (Watts) | 2.42 | 2.60 |
| Delta Tmax(°C) | 67 | 75 |
| I _{max} (Amps) | 1.5 | 1.5 |
| V _{max} (Volts) | 2.7 | 3.1 |
| Module Resistance(Ohms) | 1.71 | 1.93 |

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

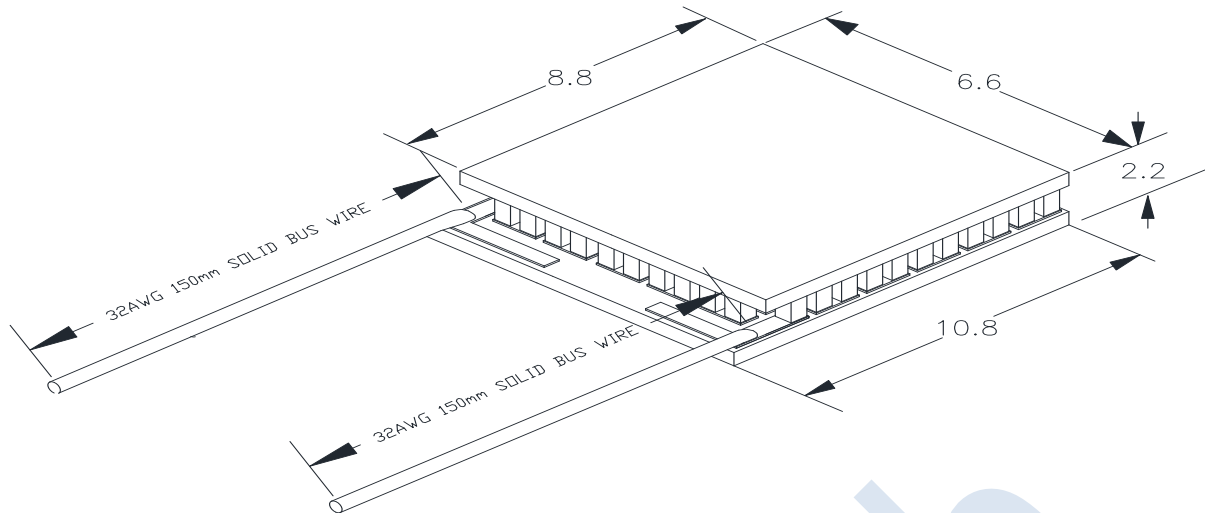


Performance Curves Th=25 °C

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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