

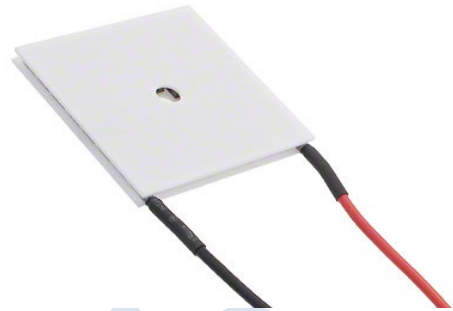


Thermoelectric Cooler Performance Specifications

TES1-062012-11.3X13.4 W150mm

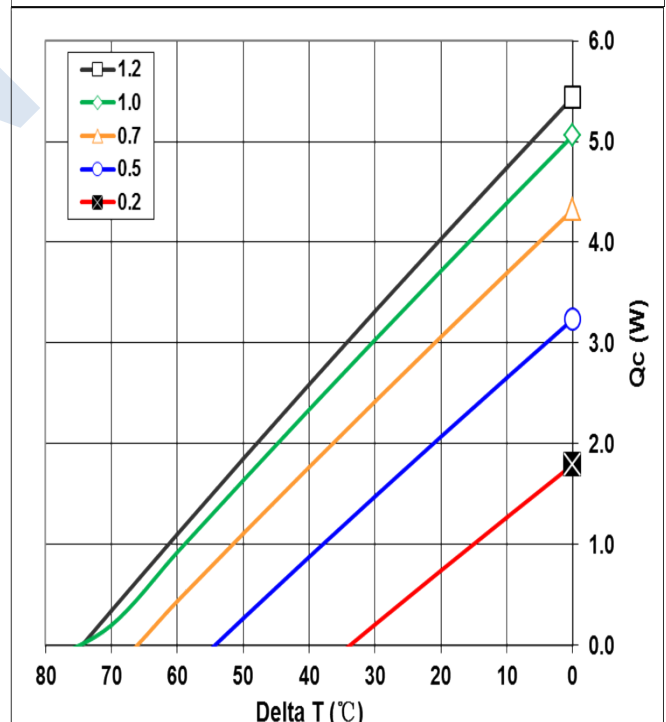
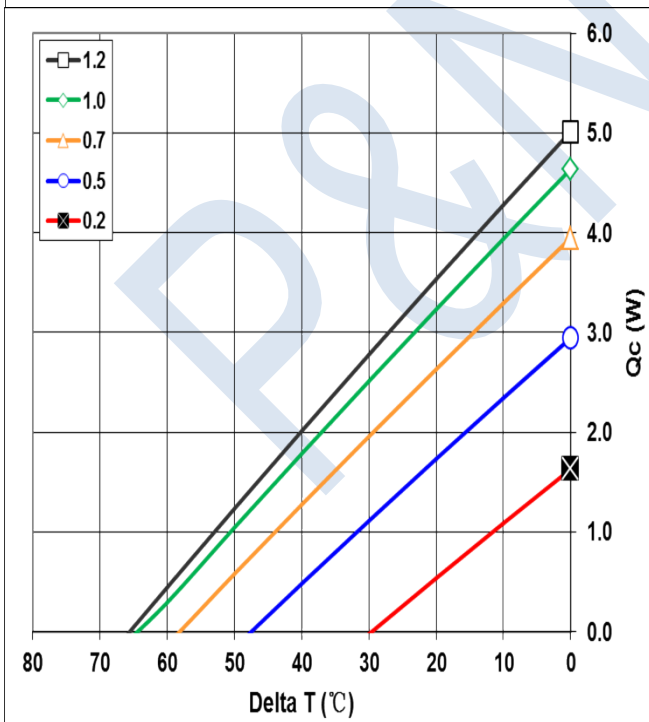
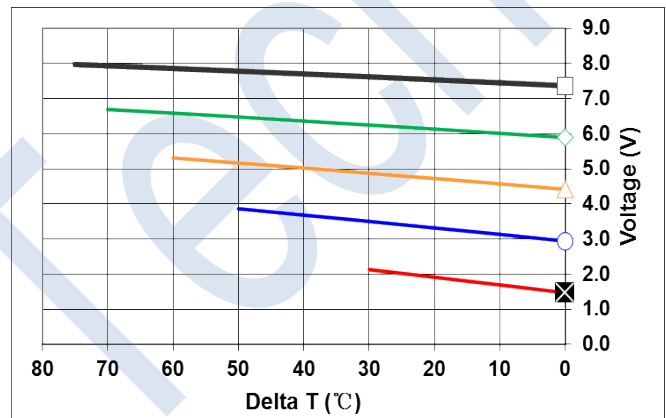
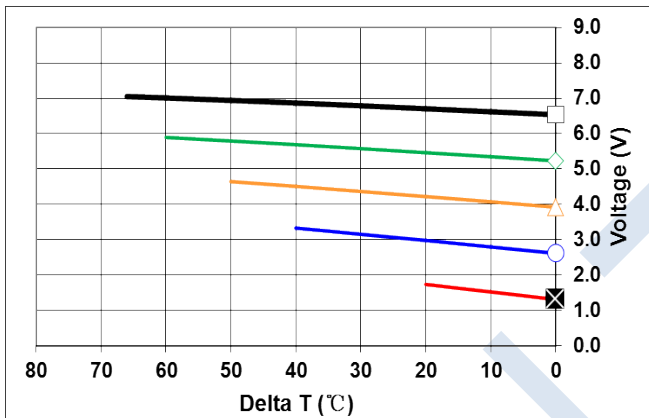
| Hot Side Temperature(°C) | 25 °C | 50 °C |
|--------------------------|-------|-------|
| Qmax (Watts) | 5.01 | 5.44 |
| Delta Tmax(°C) | 67 | 75 |
| I _{max} (Amps) | 1.2 | 1.2 |
| V _{max} (Volts) | 7.52 | 7.98 |
| Module Resistance(Ohms) | 5.5 | 6.2 |

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

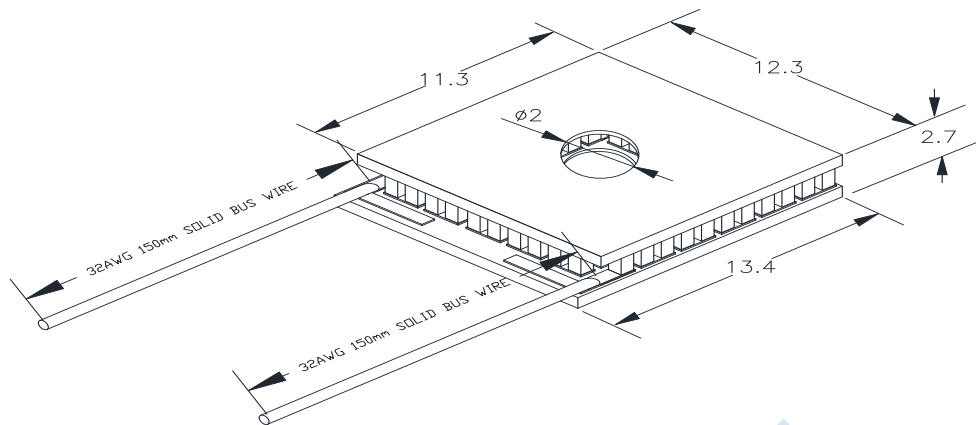


Performance Curves Th=25 °C

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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