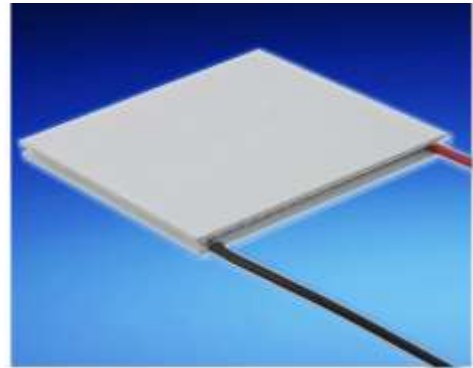


**Thermoelectric Cooler Performance Specifications**

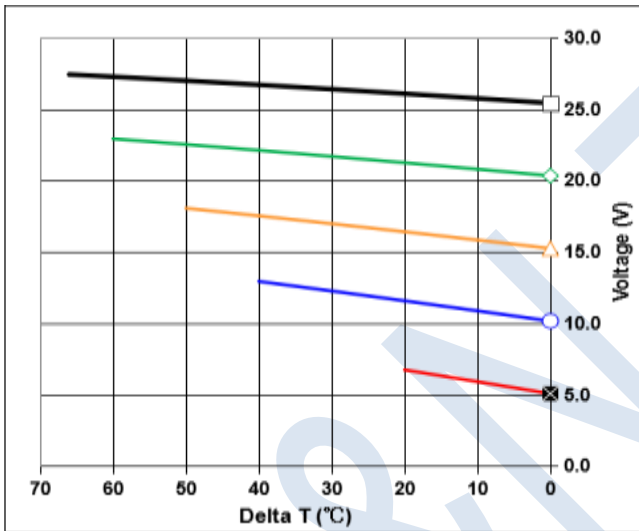
HP-241060-55X55 W150mm

Hot Side Temperature(°C)	27 °C	50 °C
Qmax (Watts)	106	116
Delta Tmax(°C)	72	75
I <sub>max</sub> (Amps)	6	6
V <sub>max</sub> (Volts)	28.2	31.0
Module Resistance(Ohms)	3.65	4.12

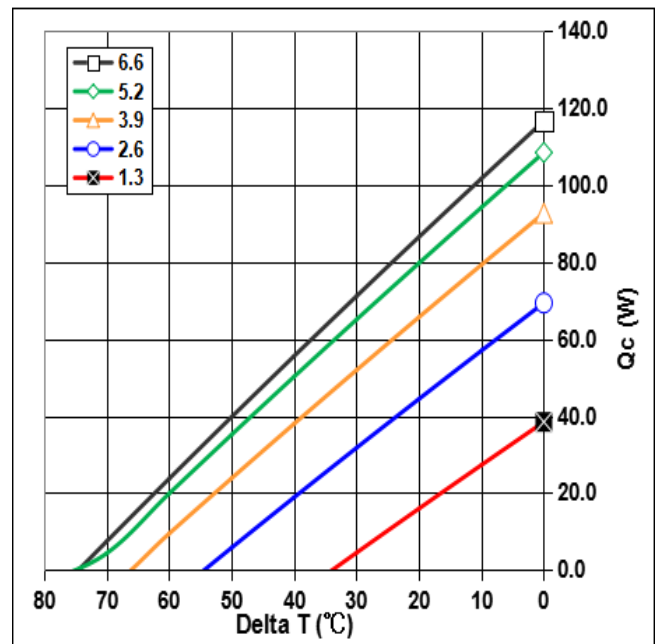
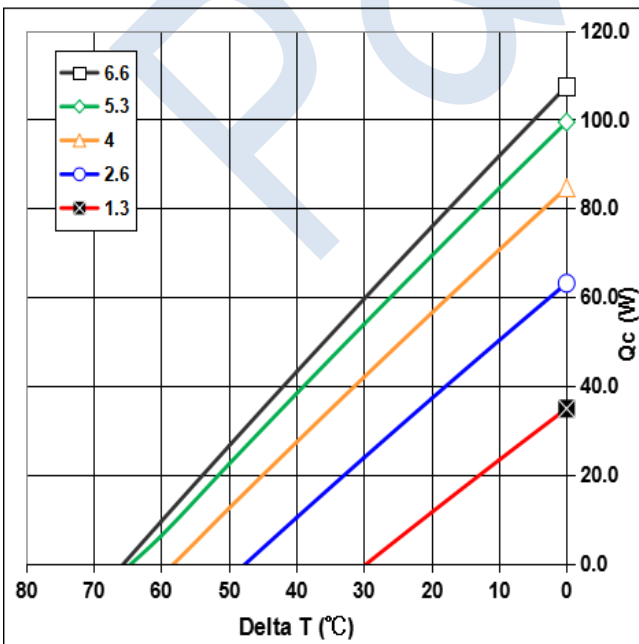
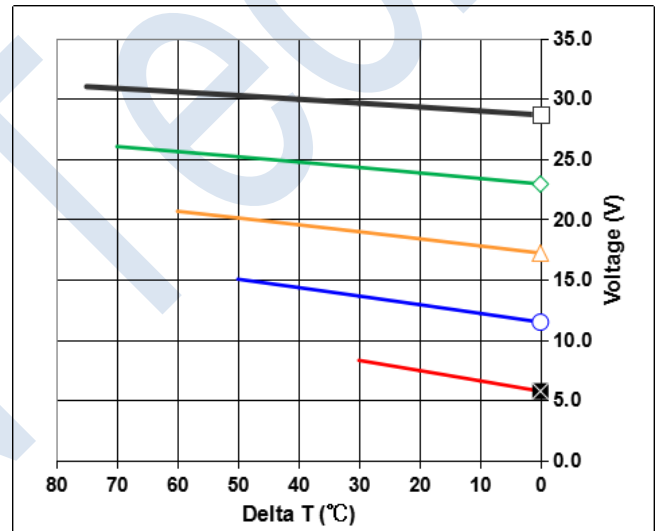


\*\*Tolerances for thermal and electrical parameters ± 10%.

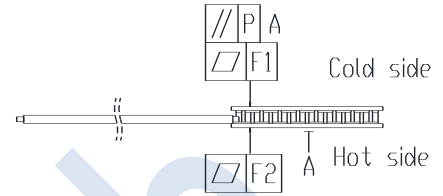
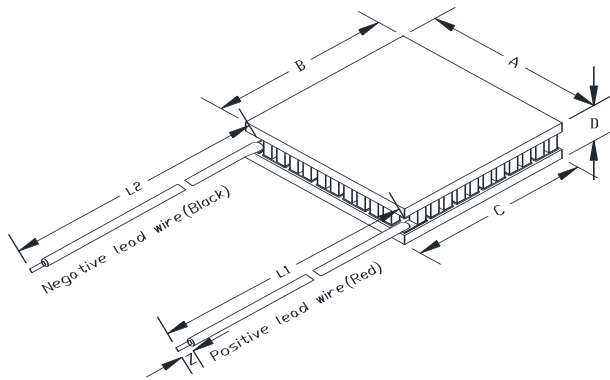
**Performance Curves Th=27°C**



**Performance Curves Th=50°C**



Mechanical Drawing:



<b>D(mm)</b>	4.3±0.03	<b>Wires</b>	PVC 20 AWG
<b>A(mm)</b>	55±0.2	<b>Z(mm)</b>	5±2
<b>C(mm)</b>	55±0.2	<b>Lead wire length(mm)</b>	150±5
<b>B(mm)</b>	55±0.2	<b>Sealing</b>	-
<b>Flatness/Parallelism(mm)</b>	0.05/0.05	<b>Solder (°C)</b>	138

**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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