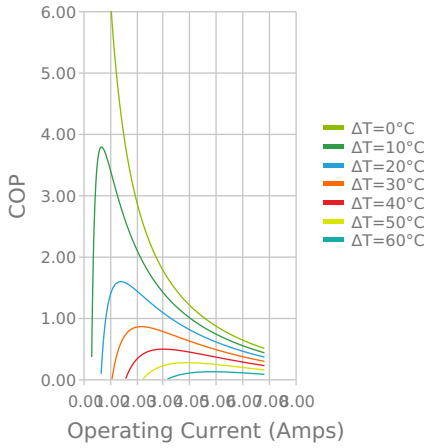
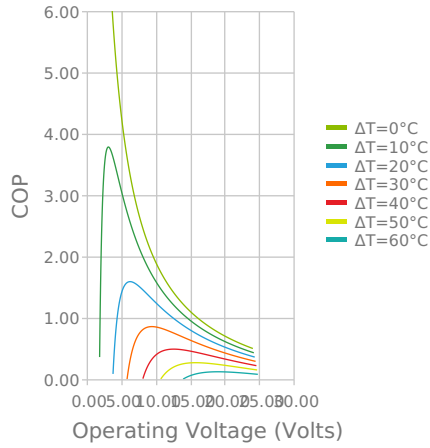


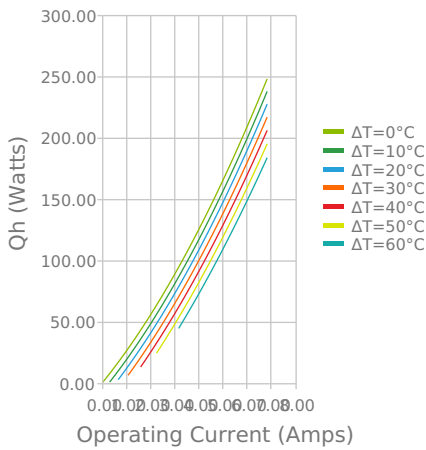
Coefficient of Performance (COP = Qc/Pin)
 Thot = 27 °C



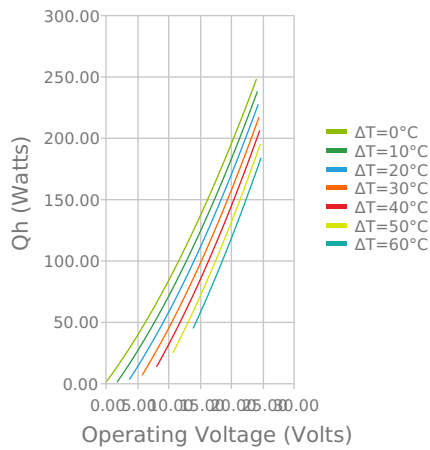
Coefficient of Performance (COP = Qc/Pin)
 Thot = 27 °C



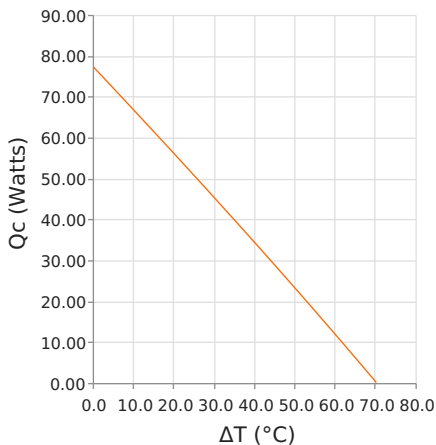
Total Heat Dissipated at Hot Side (Qh=Qc+Pin)
 Thot = 27 °C



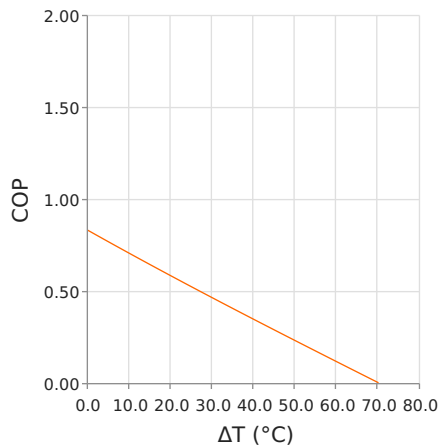
Total Heat Dissipated at Hot Side (Qh=Qc+Pin)
 Thot = 27 °C



Heat Pumped at Cold Side (Qc)
 Thot = 27 °C | Current = 5.1 Amps



Coefficient of Performance (COP = Qc/Pin)
 Thot = 27 °C | Current = 5.1 Amps



SPECIFICATIONS*

Hot Side Temperature	27.0 °C	35.0 °C	50.0 °C
Qcmax ($\Delta T = 0$)	82.6 Watts	84.9 Watts	88.9 Watts
ΔT_{max} ($Q_c = 0$)	71.7°C	74.8°C	80.4°C
I_{max} (I @ ΔT_{max})	6.1 Amps	6.1 Amps	6.0 Amps
V_{max} (V @ ΔT_{max})	22.8 Volts	23.7 Volts	25.4 Volts
Module Resistance	3.52 Ohms	3.67 Ohms	3.96 Ohms
Max Operating Temperature	80 °C		
Weight	29.0 gram(s)		

* Specifications reflect thermoelectric coefficients updated March 2020

FINISHING OPTIONS

Suffix	Thickness	Flatness / Parallelism	Hot Face	Cold Face	Lead Length
TA	3.861 ±0.025 mm 0.152 ± 0.001 in	0.025 mm / 0.025 mm 0.001 in / 0.001 in	Lapped	Lapped	152.4 mm 6.00 in

SEALING OPTIONS

Suffix	Sealant	Color	Temp Range	Description
	None			No sealing specified

NOTES

1. Max operating temperature: 80°C
2. Do not exceed I_{max} or V_{max} when operating module
3. Reference assembly guidelines for recommended installation
4. Recommended to be used with a liquid heat exchanger on the hot side

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