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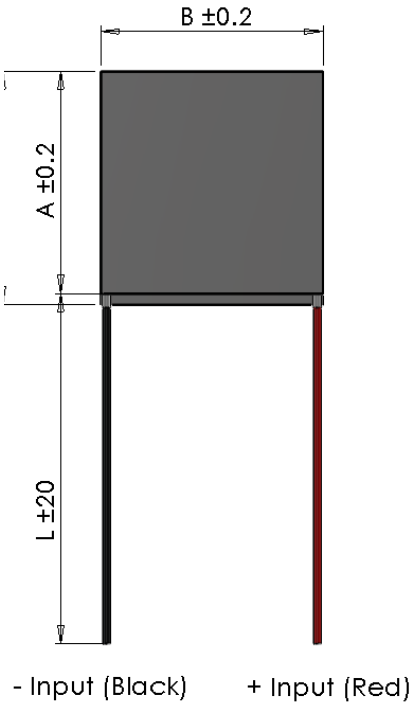
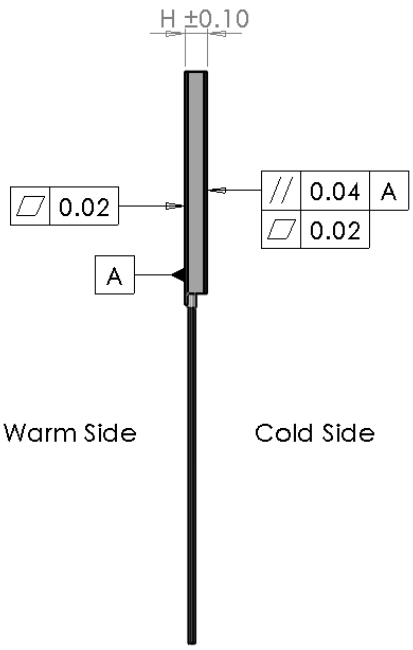
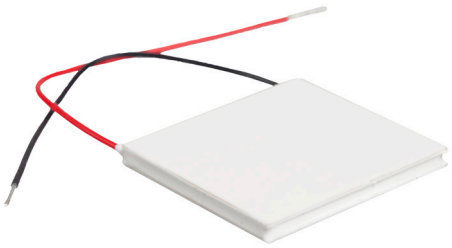
THERMOELECTRIC MODULE







High Temperature Peltier Module

77W,40x40mm, 9.2Amp

Features

- ROHS & REACH Compliant
- Precise temperature control
- Solid-state reliability

Applications

Automotive, Industrial, Telecommunications, Medical, Aerospace

CHARACTERISTICS		
DeltaT	[°C]	70
Vmax	[V]	15.8
Imax	[A]	9.2
Qmax	[W]	77
A	[mm]	40
AI	[mm]	40
B	[mm]	40
H	[mm]	3.8
Wire	-	AWG

- (At hot side temperature Th = 25°C / 298K, under dry N_2)
- Qmax = Cooling power at ΔT = 0 and I = Imax
- ΔTmax = Temperature difference at I = Imax and Qc = 0
- Max hot side temperature Th = 150°C for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: PTFE UL1213, 600V, -60 to +200 °C

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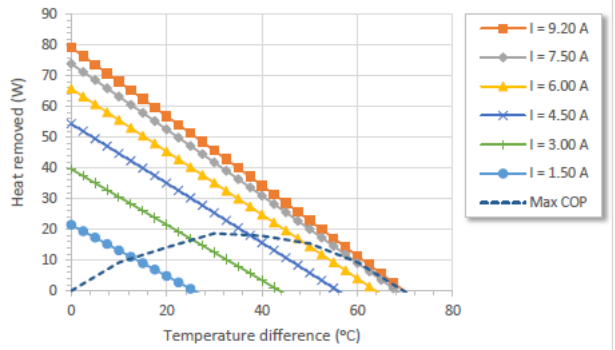
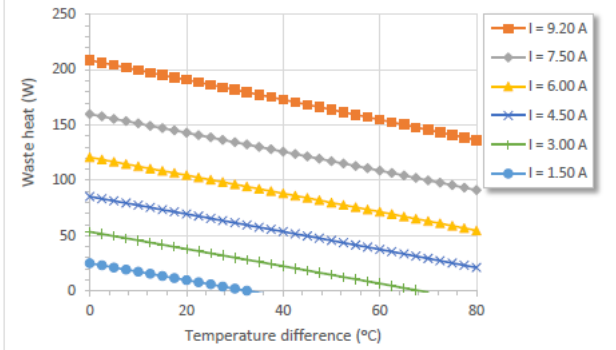
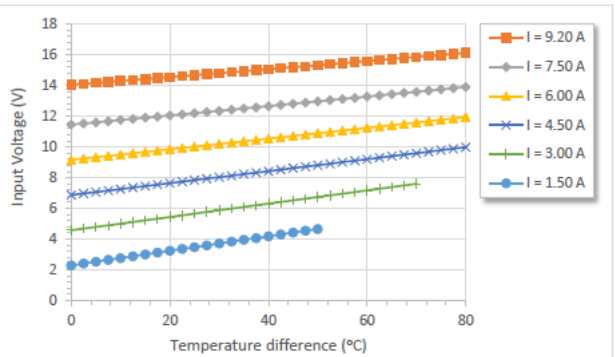
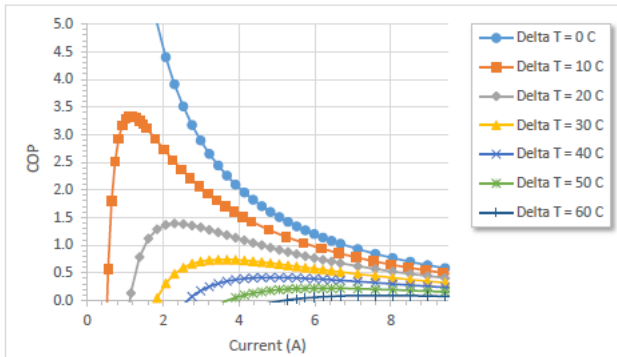
Hot side temperature 25 degrees C

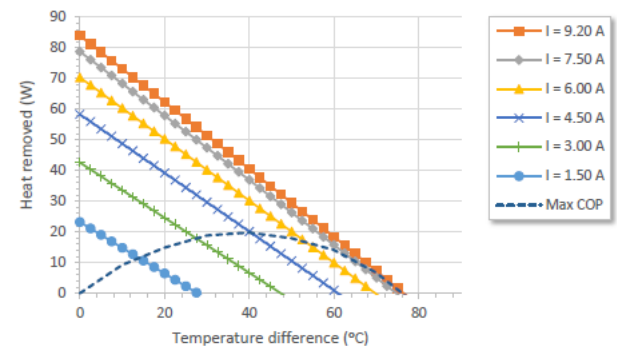


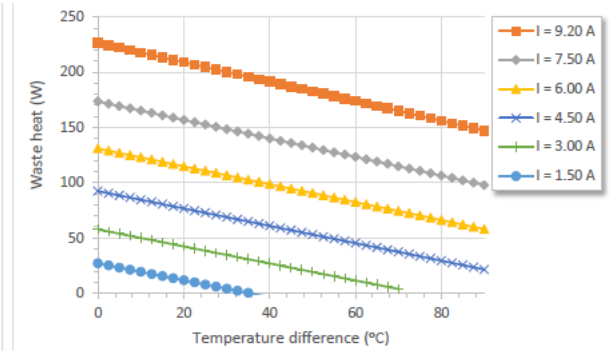


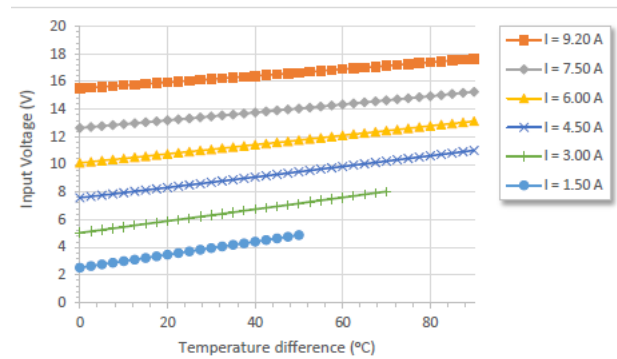


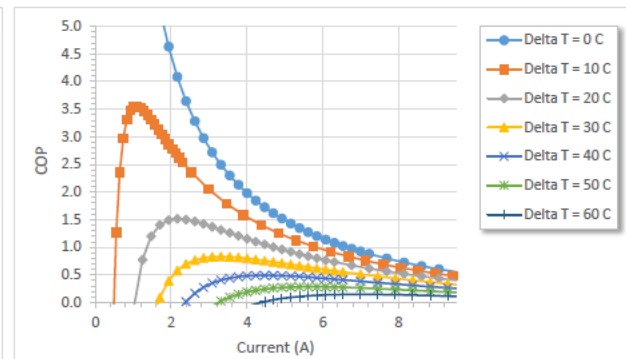


Hot side temperature 50 degrees C









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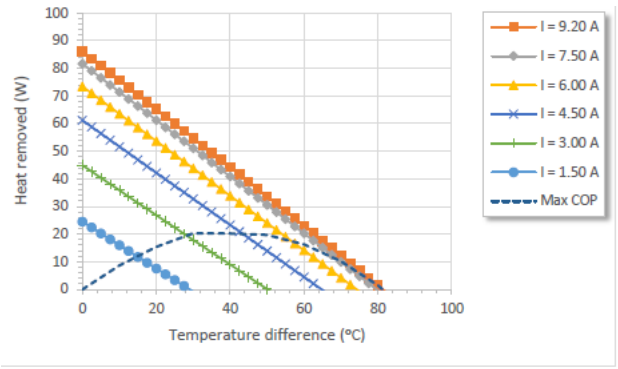
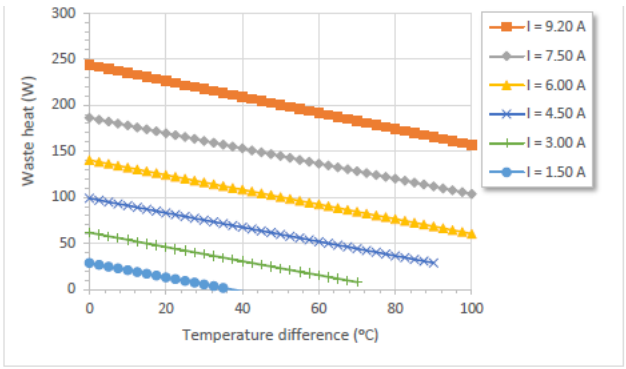
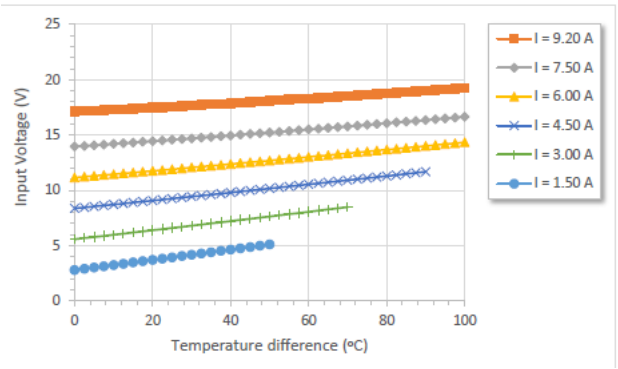
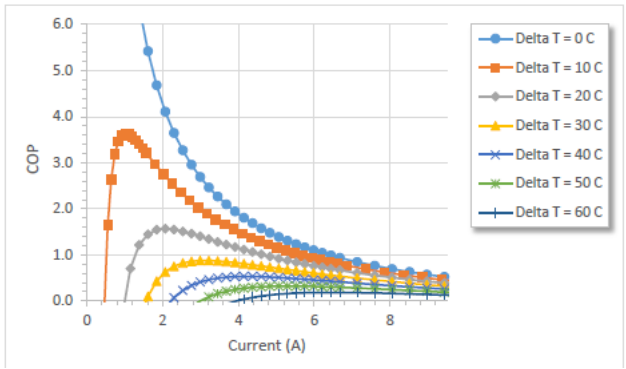
Hot side temperature 75 degrees C









Notes

1. Do not overheat.
2. Maximum operating temperature: 150°C