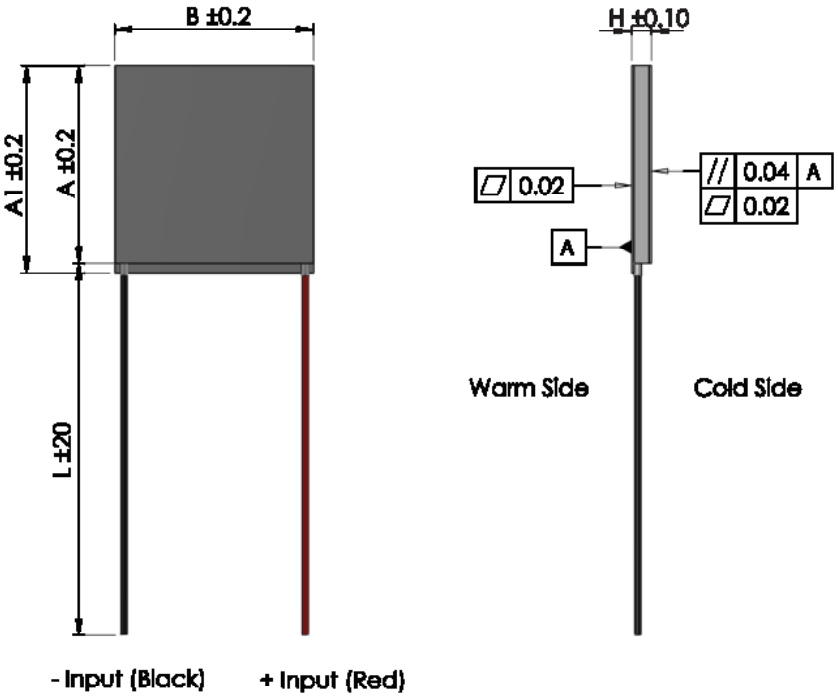
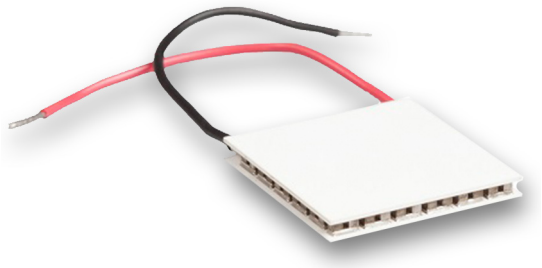
ADV-127-12-10-E-C2

THERMOELECTRIC MODULE





MID LEVEL PERFORMANCE - VALUE ORIENTED

127 couple, 30x30x2.9mm, 6Amp

Features

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

Applications

Automotive, Industrial,
Telecommunications, Medical, Aerospace

CHARACTERISTICS		
DeltaT at 300K	[°C]	67
Vmax	[V]	15.4
Imax	[A]	6.0
Qmax	[W]	56.8
A	[mm]	30
A1	[mm]	30
B	[mm]	30
Flatness/Parellelism	[mm]	0.08 / 0.08

- (At hot side temperature Th = 25°C / 298K, under dry N_2)
- Pc max = Cooling power at ΔT = 0 and I = Imax
- ΔTmax = Temperature difference at I = Imax and Pc = 0
- Max hot side temperature Th = 90°C for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: UL rated wire to 105°C

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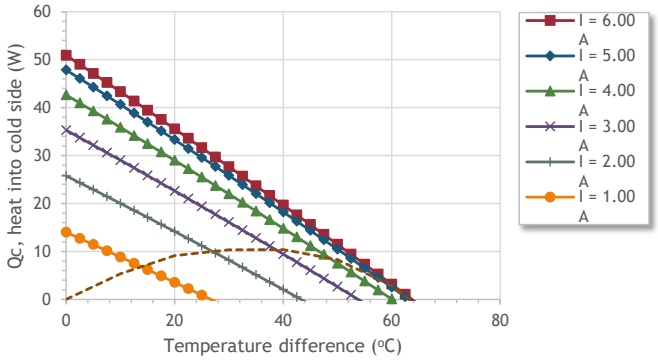
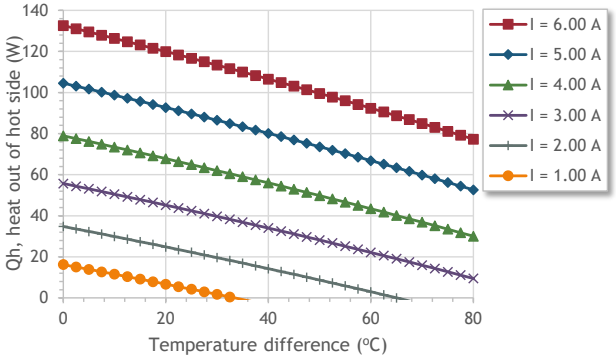
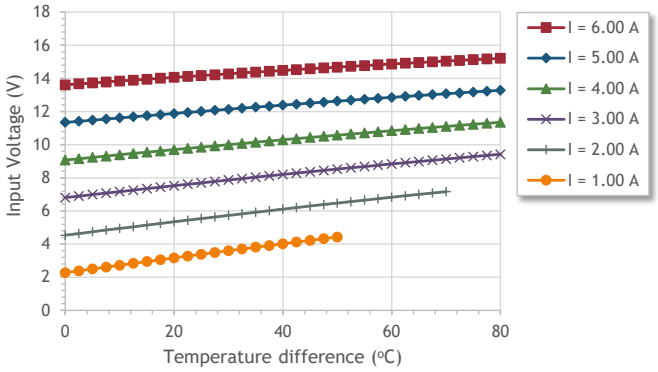
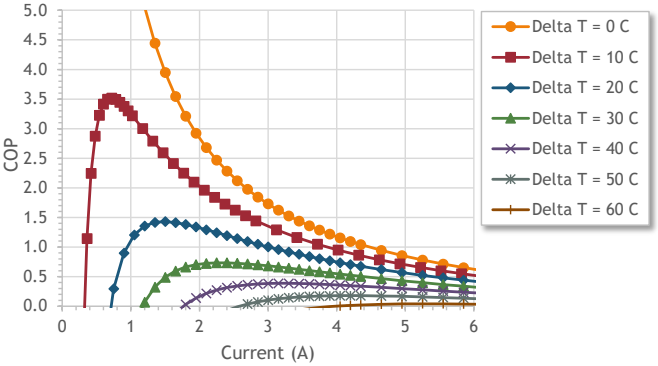
ADV-127-12-10-E-C2

Hot side temperature 25 degrees C

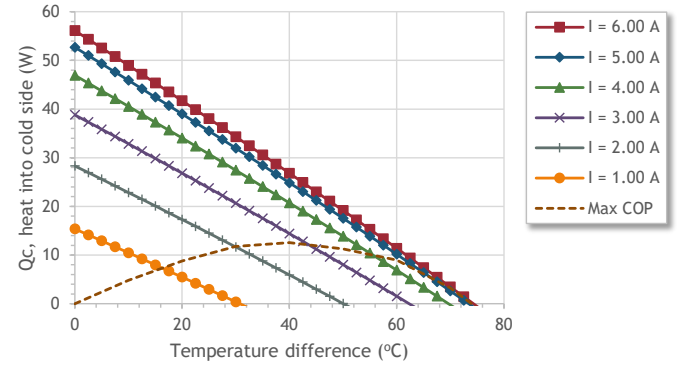


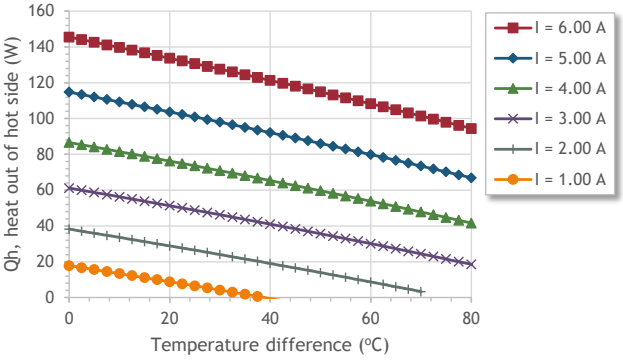


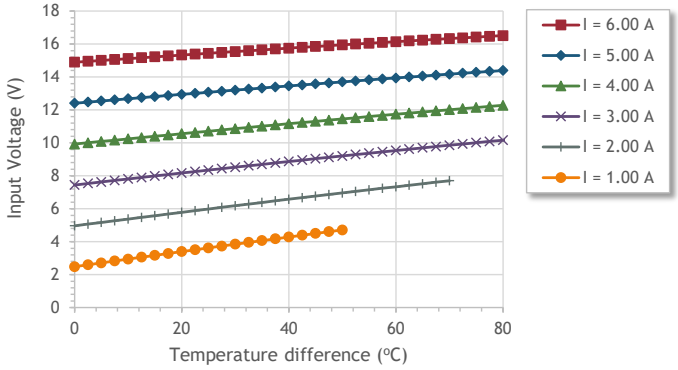


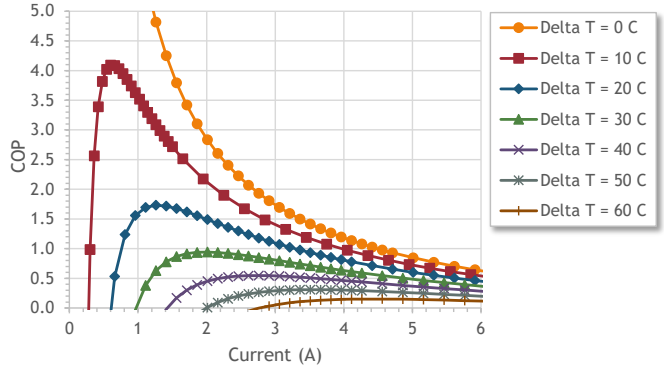


Hot side temperature 50 degrees C









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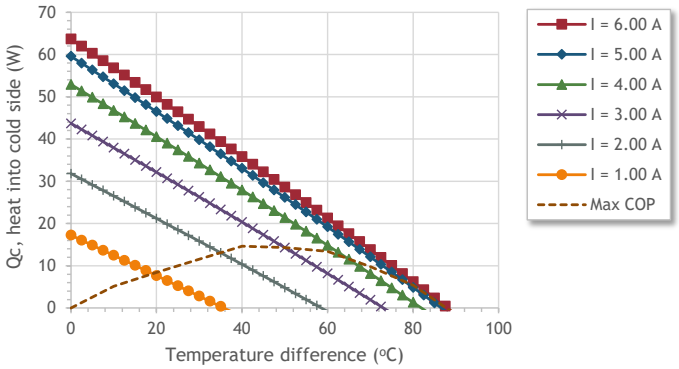
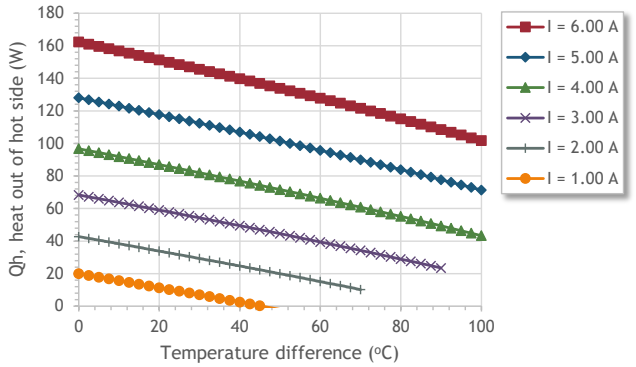
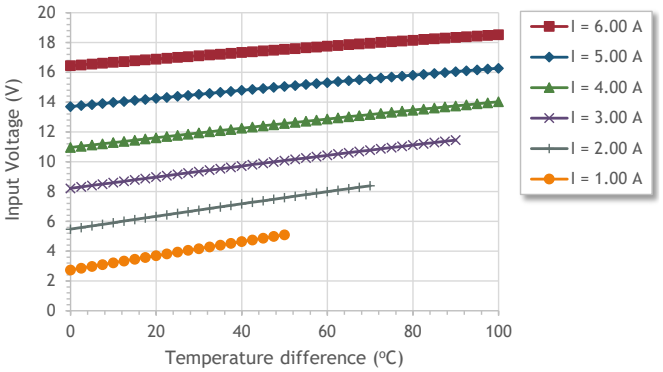
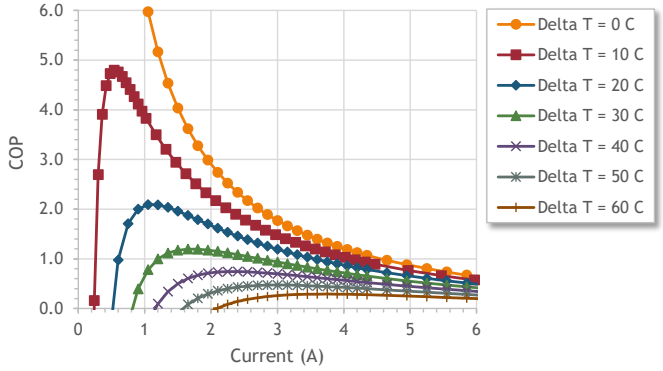
ADV-127-12-10-E-C2

Hot side temperature 75 degrees C









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