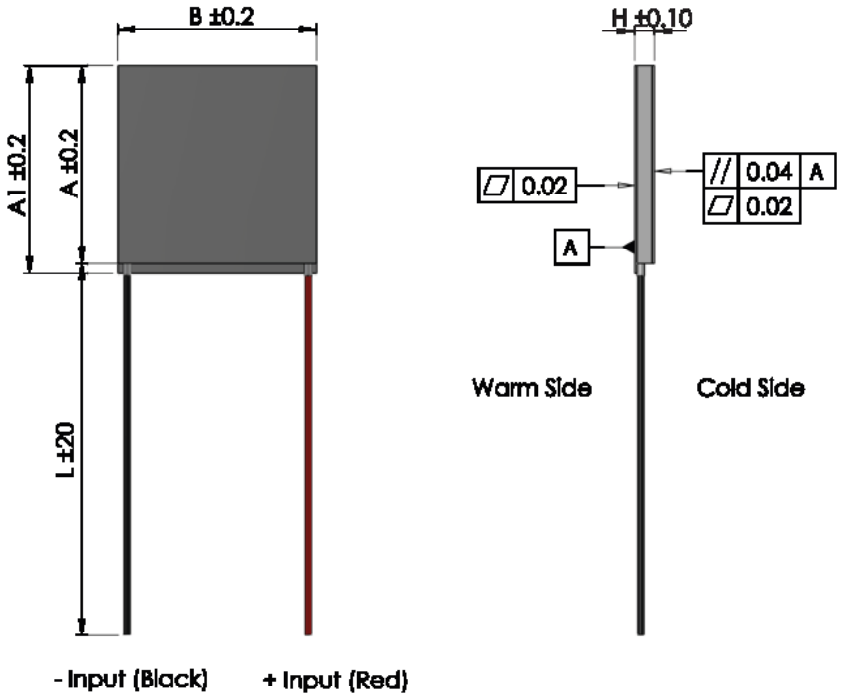
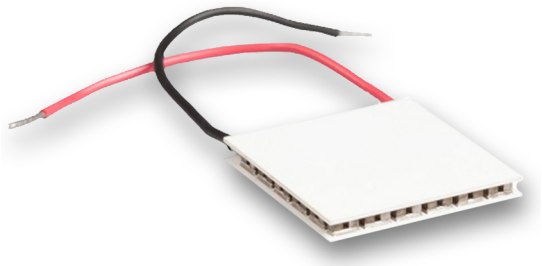
# ADV-127-11-17-E-C2

## THERMOELECTRIC MODULE



MID LEVEL PERFORMANCE - VALUE ORIENTED

127 couple, 30x30x3.6mm, 3Amp

### 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] | 3.2 |
| Qmax | [W] | 31.9 |
| 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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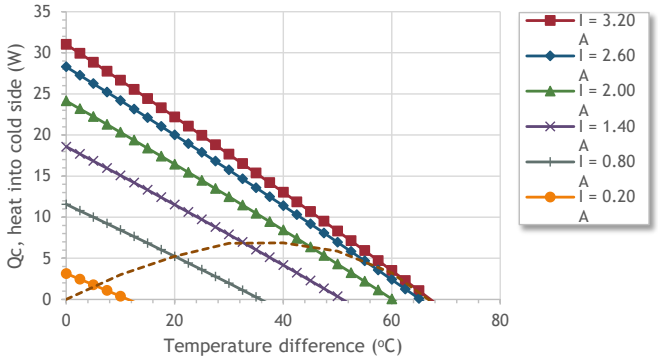
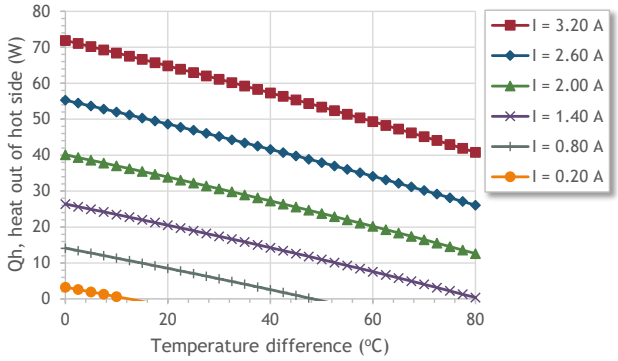
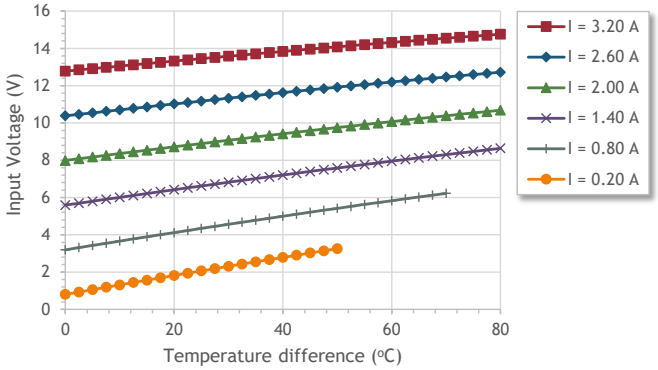
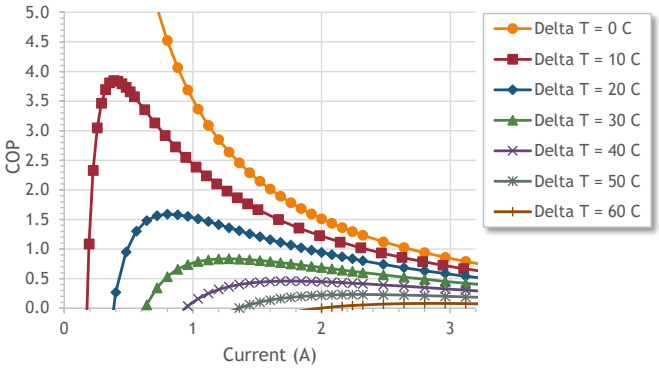
# ADV-127-11-17-E-C2

## Hot side temperature 25 degrees C

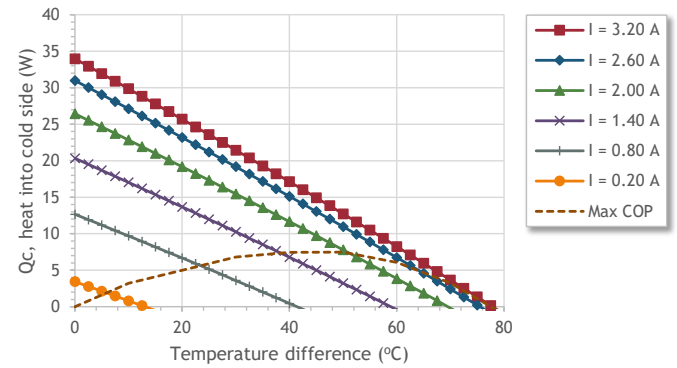


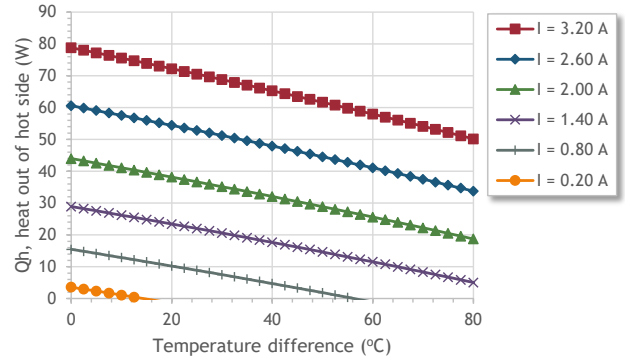



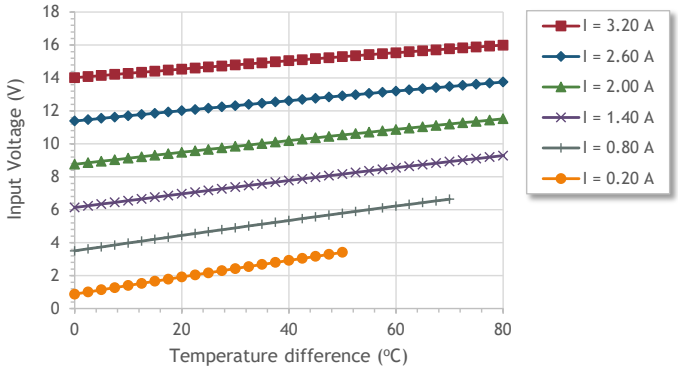



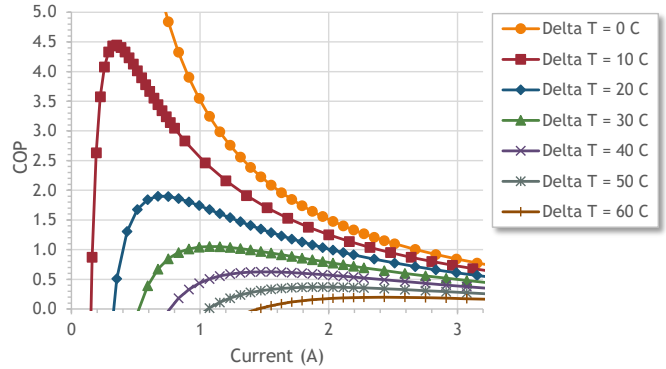




## Hot side temperature 50 degrees C

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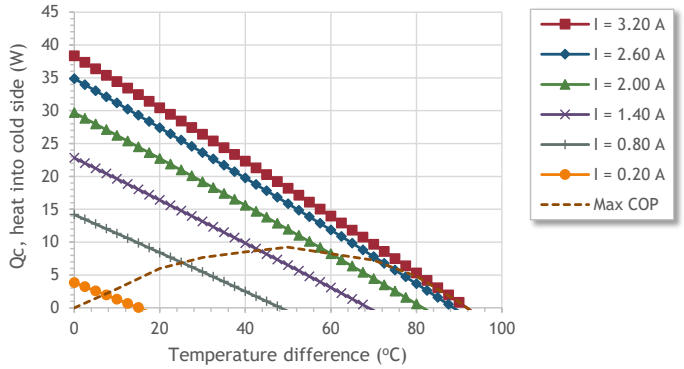
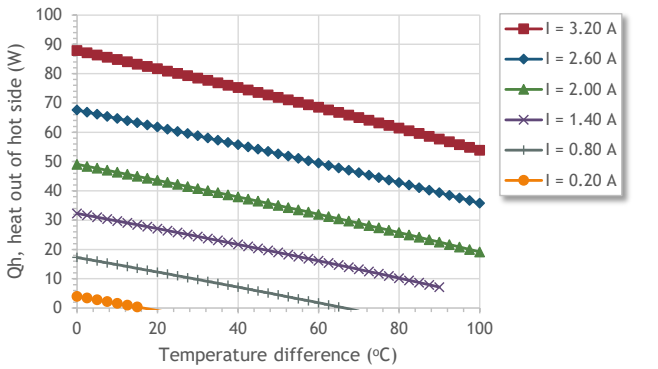
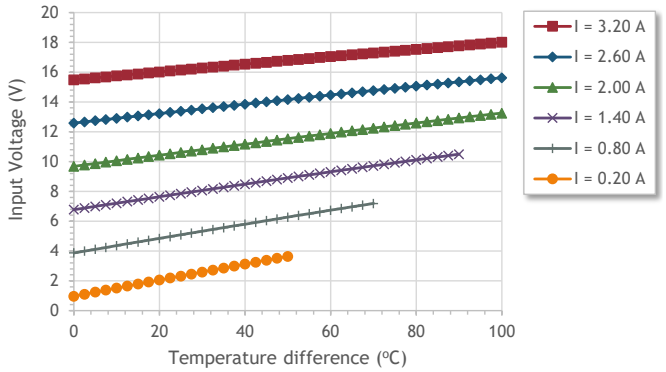
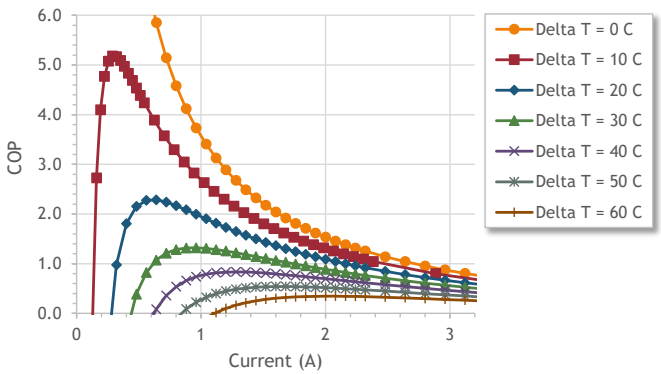
# ADV-127-11-17-E-C2

## Hot side temperature 75 degrees C

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