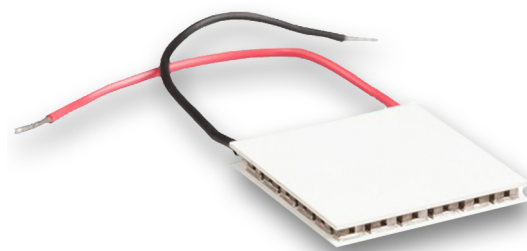
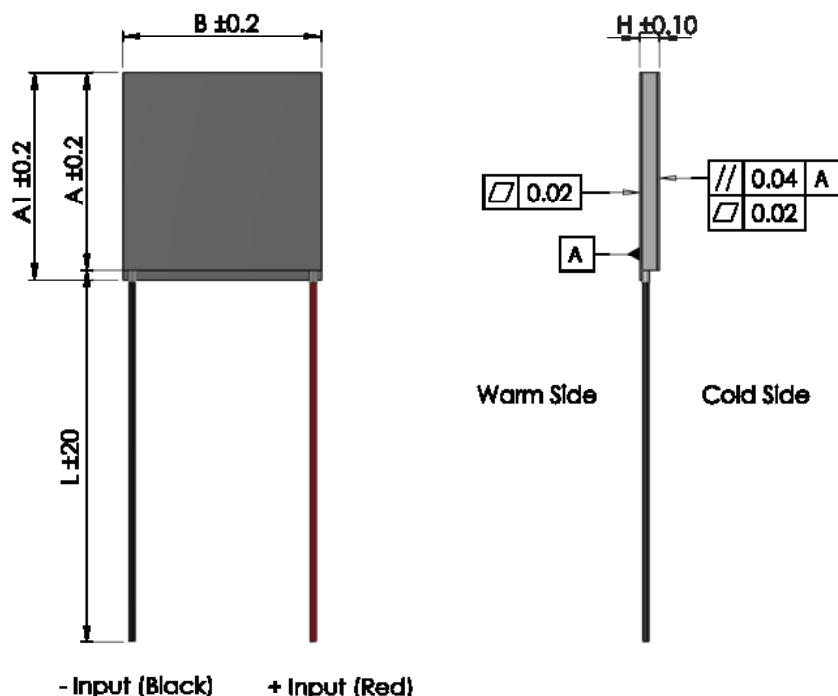


ADV-097-I4-I2-E-C2

THERMOELECTRIC MODULE



MID LEVEL PERFORMANCE - VALUE ORIENTED

97 couple, 40x20x3.4mm, 8.5Amp

Features

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

Applications

Automotive, Industrial,
Telecommunications, Medical, Aerospace

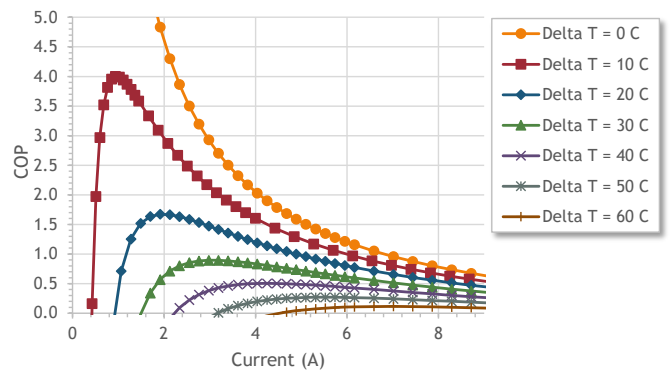
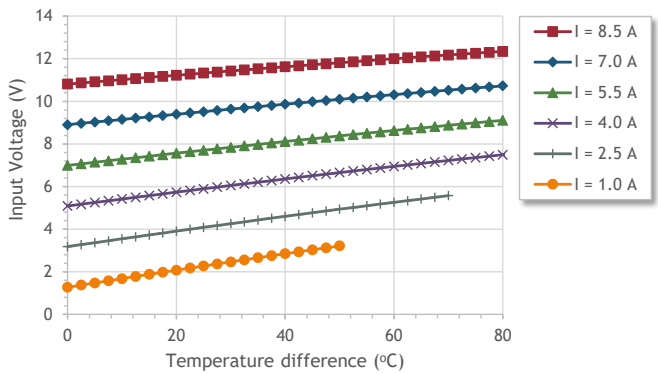
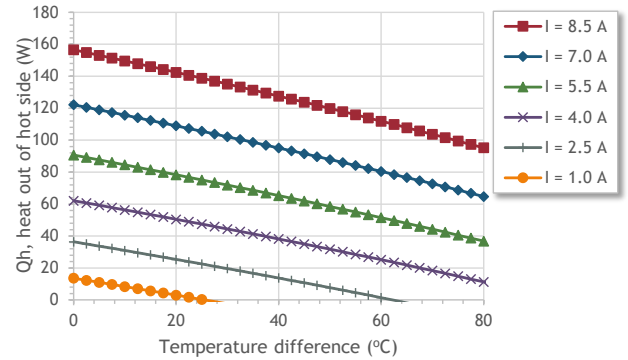
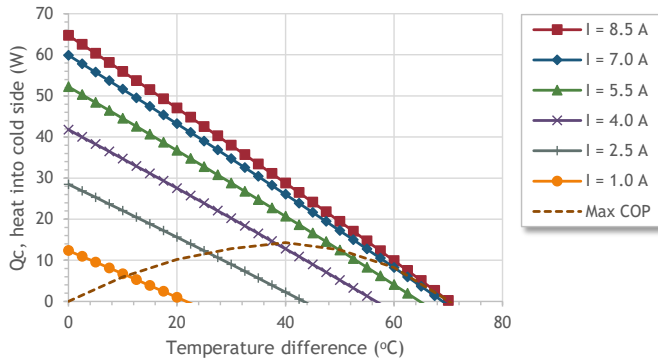
CHARACTERISTICS

DeltaT at 300K	[°C]	70
Vmax	[V]	12.2
I _{max}	[A]	8.5
Q _{max}	[W]	64.8
A	[mm]	40
A I	[mm]	40
B	[mm]	20
Flatness/Parellelism	[mm]	0.08 / 0.08

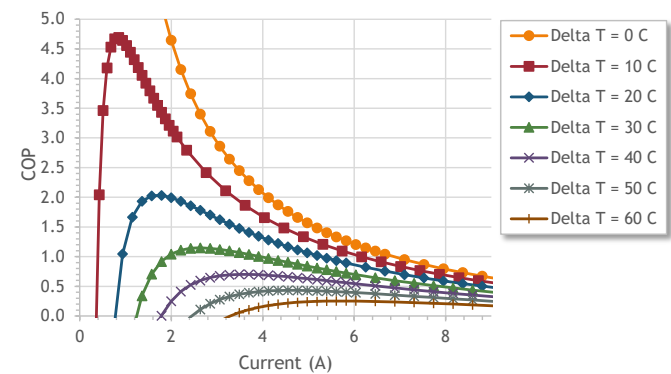
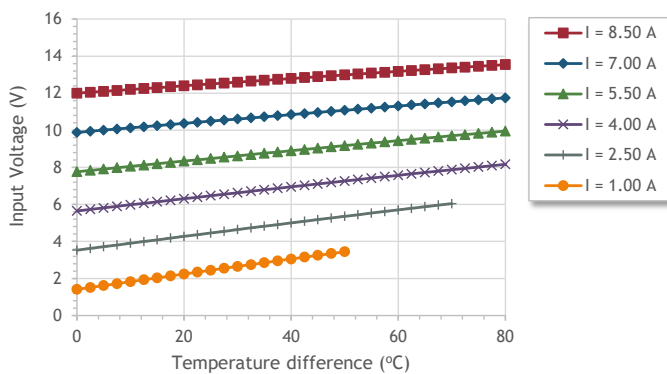
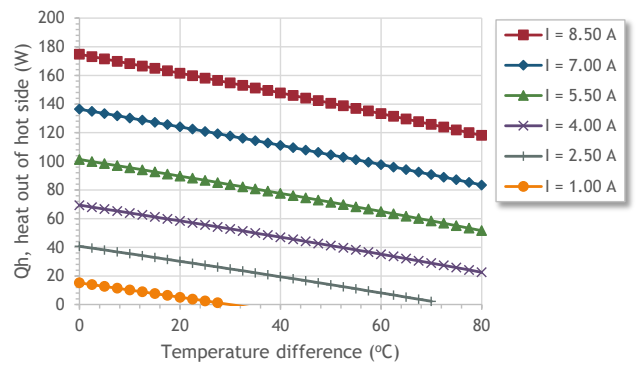
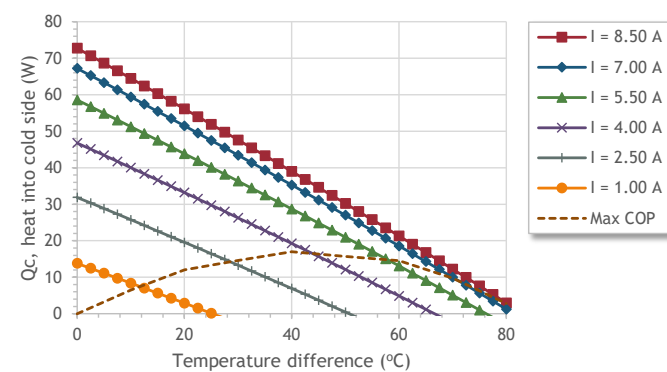
- (At hot side temperature $T_h = 25^\circ\text{C} / 298\text{K}$, under dry N_2)
- $P_c \text{ max}$ = Cooling power at $\Delta T = 0$ and $I = I_{\text{max}}$
- ΔT_{max} = Temperature difference at $I = I_{\text{max}}$ and $P_c = 0$
- Max hot side temperature $T_h = 90^\circ\text{C}$ for best long term performance
- Max mounting pressure: 1.5MPa
- Wires: UL rated wire to 105°C

ADV-097-I4-I2-E-C2

Hot side temperature 25 degrees C



Hot side temperature 50 degrees C



ADV-097-14-12-E-C2

Hot side temperature 75 degrees C

