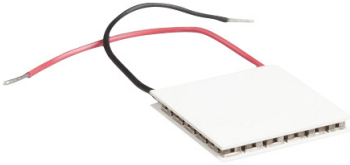


Thermoelectric Cooler Module **multicomp**PRO

RoHS
Compliant



Features

- Precise temperature control
- Solid-state reliability

Applications

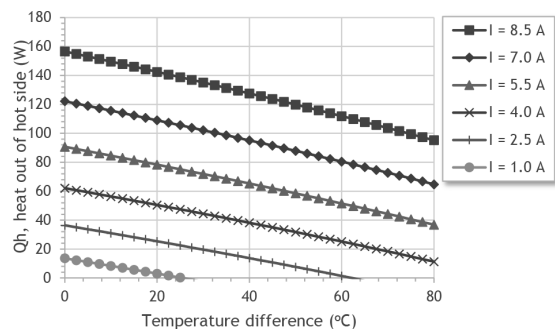
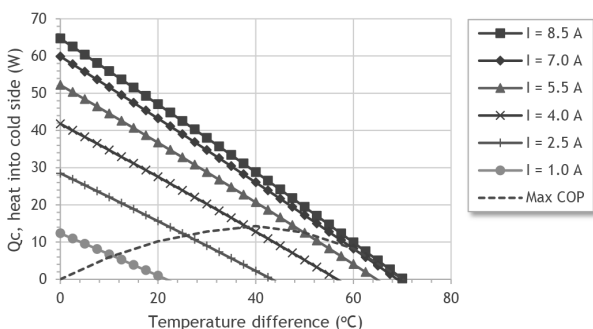
Automotive, Industrial, Telecommunications, Medical, Aerospace

Characteristics

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

- (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

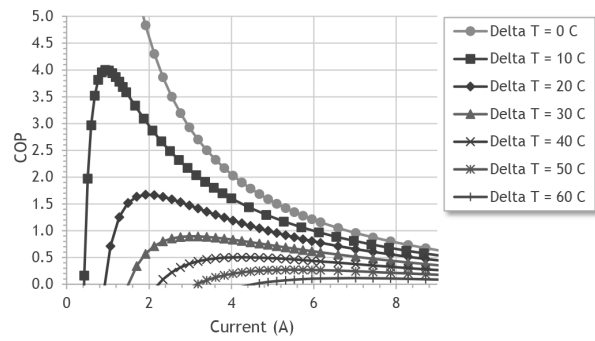
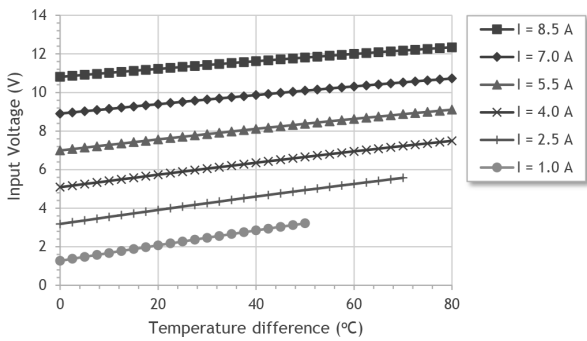
Hot side temperature 25°C



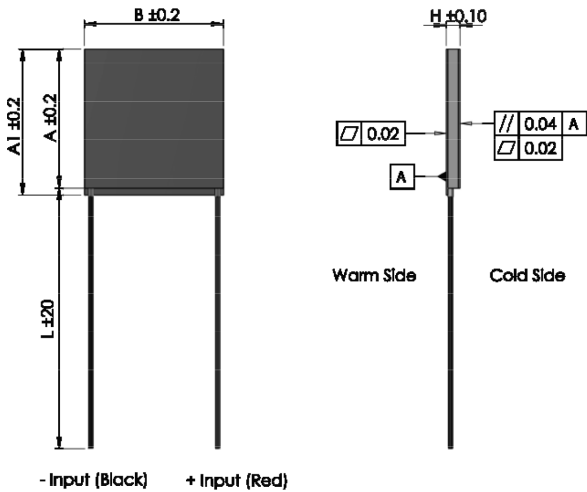
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

Thermoelectric Cooler Module **multicomp** PRO



Diagram



Part Number Table

Description	Part Number
Thermoelectric Cooler Module, 40mm × 40mm × 3.4mm, 8.5A	MP-ADV-097-14-12-E-C2

Dimensions : Millimetres

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