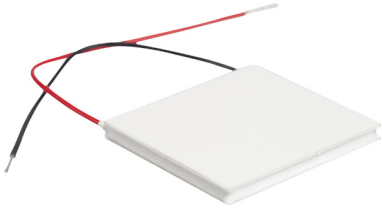


Thermoelectric Cooler Module **multicomp** PRO

RoHS
Compliant



Features

- Precise temperature control
- Solid-state reliability

Applications

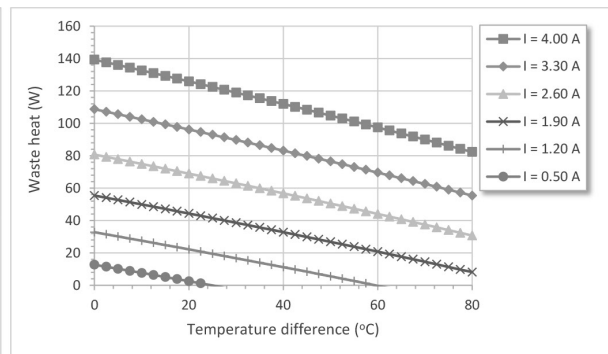
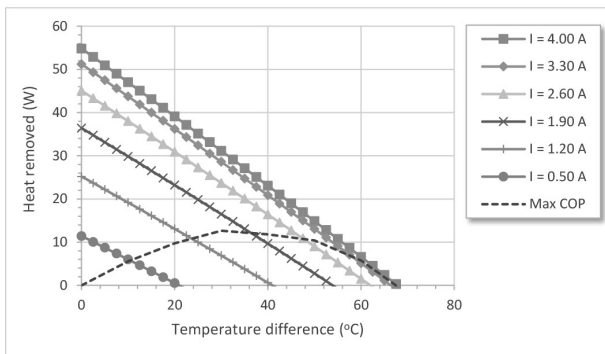
Automotive, Industrial, Telecommunications, Medical, Aerospace

Characteristics

Th	: 27°C
DeltaT	: 68°C
Vmax	: 24.1V
Imax	: 4A
Qcmax	: 55.7W
AC Resistance	: 4 .94 ±10% Ω
Solder Melting Point	: 235°C
Compression Strength	: 1 MPa
A	: 40mm
Al	: 40mm
B	: 40mm
H	: 4.6mm
L	: 100mm
Flatness/Parallelism	: 0.05 / 0.05mm

- (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
- Wires: UL rated wire to $105^\circ\text{C} / \text{AWG } 20$

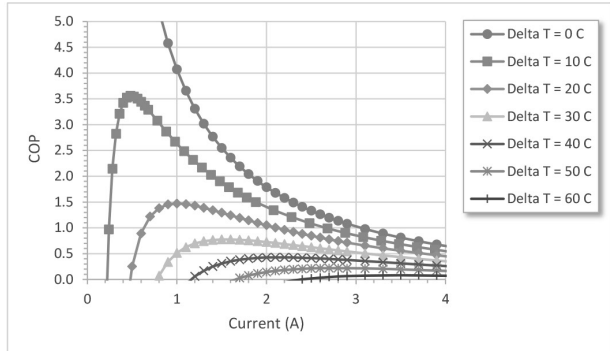
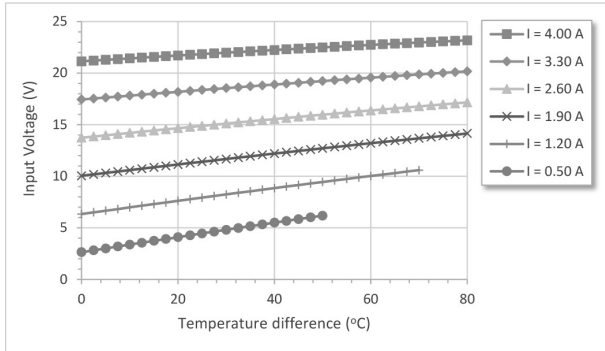
Hot side temperature 27°C



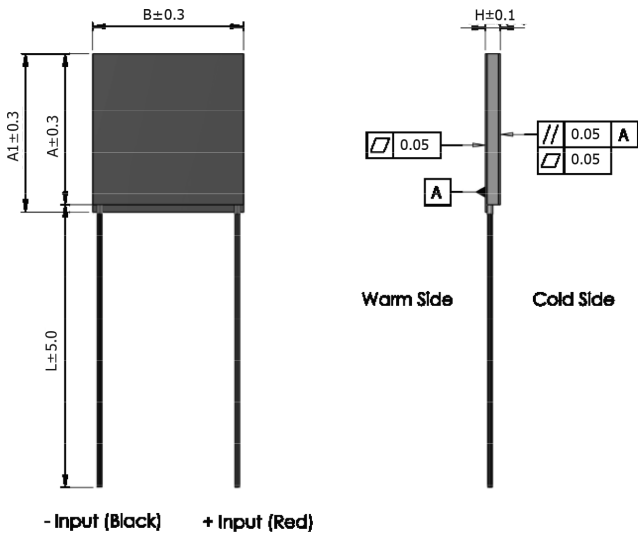
Newark.com/multicomp-pro
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Element14.com/multicomp-pro

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Thermoelectric Cooler Module **multicomp**PRO



Diagram



Part Number Table

Description	Part Number
Thermoelectric Cooler Module, 40mm × 40mm × 4.6mm, 4A	MP-APC-199-14-22-S-F4

Dimensions : Millimetres

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