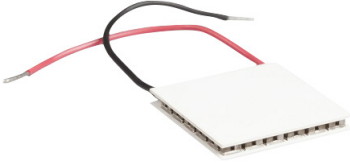


# Thermoelectric Cooler Module **multicomp** PRO

**RoHS  
Compliant**



## Features

- Precise temperature control
- Solid-state reliability

## Applications

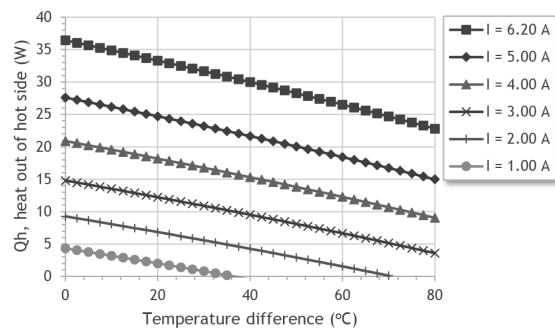
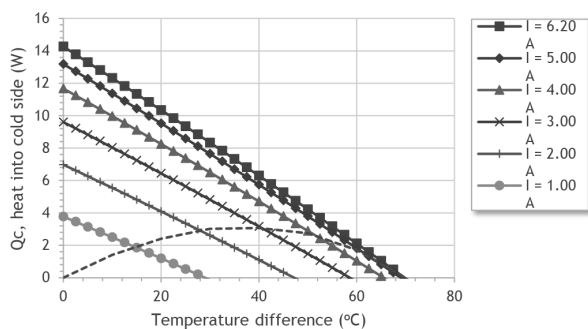
Automotive, Industrial, Telecommunications, Medical, Aerospace

## Characteristics

DeltaT at 300K	: 70°C
Vmax	: 4V
Imax	: 6.2
Qmax	: 13.7W
A	: 20mm
Al	: 20mm
B	: 20mm
Flatness/Parallelism	: 0.05 / 0.05mm

- (At hot side temperature  $T_h = 25^\circ\text{C} / 298\text{K}$ , under dry  $\text{N}_2$ )
- $P_c \text{ max}$  = Cooling power at  $\Delta T = 0$  and  $I = I_{\text{max}}$
- $\Delta T_{\text{max}}$  = 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  $105^\circ\text{C}$

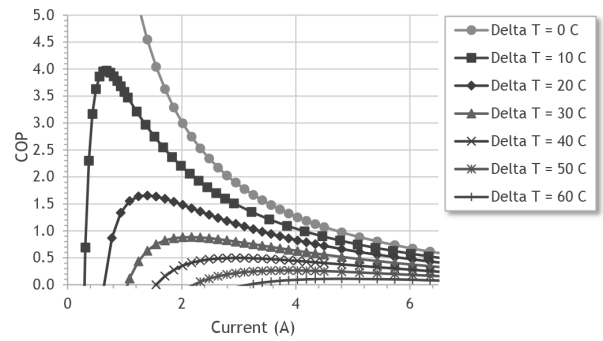
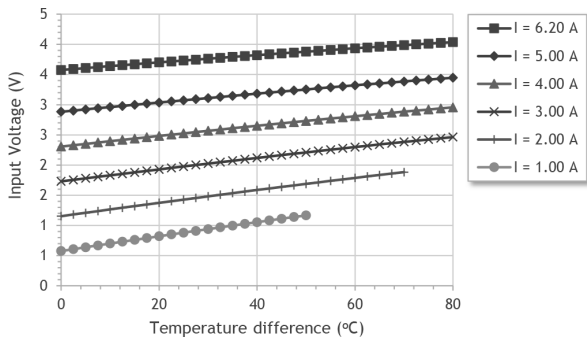
## Hot side temperature 25°C



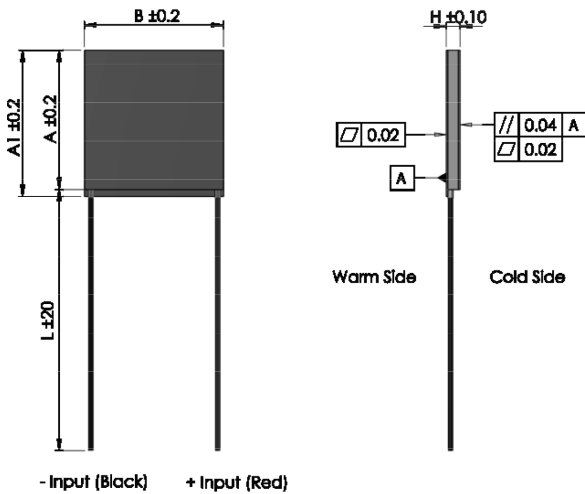
Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO

# Thermoelectric Cooler Module **multicomp** PRO



## Diagram



## Part Number Table

Description	Part Number
Thermoelectric Cooler Module, 20mm x 20mm x 3.8mm, 6A	MP-ADV-031-14-16-E-C2

Dimensions : Millimetres

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

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

**multicomp** PRO