

Features

- Cold-forged, ultra-high performance
- low thermal resistance
- suitable for low profile passive cooling

Applications

- Suitable for use with a wide range of
- semi-conductor devices with flat surfaces.

Specification

Property	Units	Value
Material	N/A	Aluminium Al1100
Colour	-	Black
Max working temperature	degC	500
Thermal resistance	degC/W	See graphs
Airflow	LFM	See graphs
Pressure drop	In. of H ₂ O	See graphs

Part Number Table

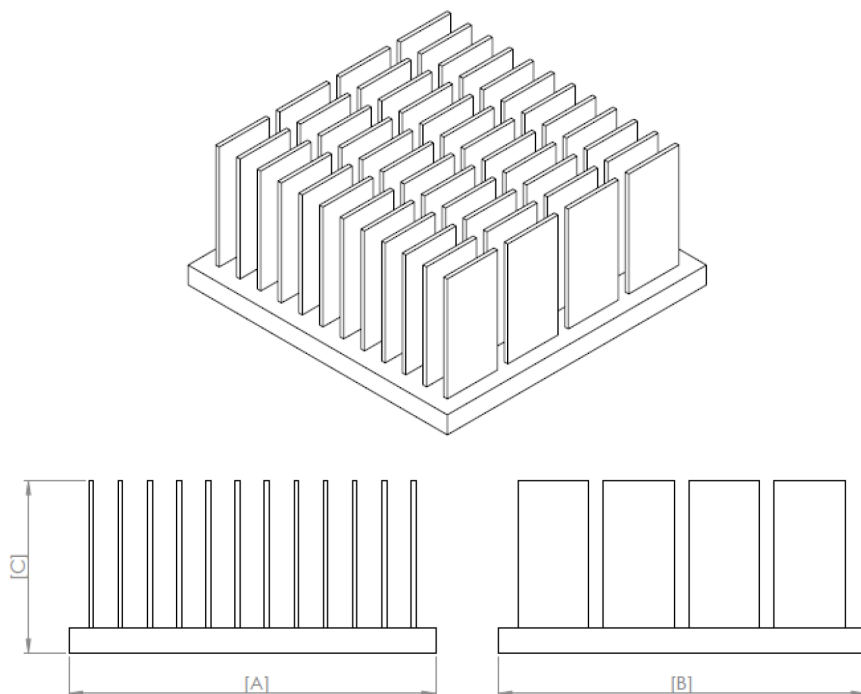
Part Number	Title	Length mm (A)	Width mm (B)	Height mm (C)
MP008864	Heat Sink, Cold Forged, 19mm × 19mm × 6mm	19	19	6
MP008865	Heat Sink, Cold Forged, 19mm × 19mm × 10mm	19	19	10
MP008866	Heat Sink, Cold Forged, 25mm × 25mm × 7mm	25	25	7
MP008867	Heat Sink, Cold Forged, 25mm × 25mm × 11mm	25	25	11
MP008868	Heat Sink, Cold Forged, 30mm × 30mm × 8mm	30	30	8
MP008869	Heat Sink, Cold Forged, 30mm × 30mm × 14mm	35	35	9
MP008870	Heat Sink, Cold Forged, 35mm × 35mm × 9mm	35	35	16
MP008871	Heat Sink, Cold Forged, 35mm × 35mm × 16mm	40	40	9
MP008872	Heat Sink, Cold Forged, 40mm × 40mm × 9mm	40	40	15
MP008873	Heat Sink, Cold Forged, 40mm × 40mm × 21mm	40	40	21
MP008874	Heat Sink, Cold Forged, 45mm × 45mm × 11mm	45	45	11
MP008875	Heat Sink, Cold Forged, 45mm × 45mm × 21mm	45	45	21

Heat Sinks

Natural Convection

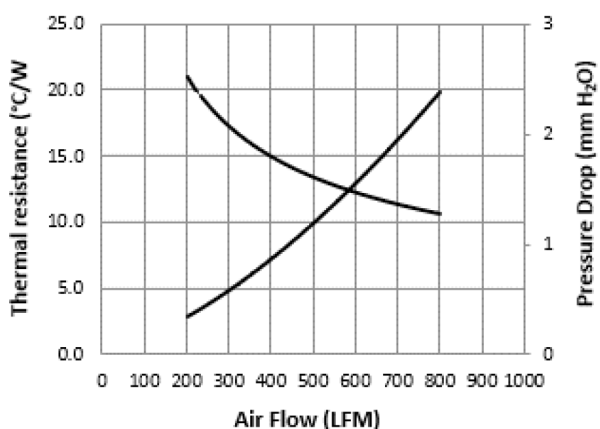
multicompPRO

Drawing

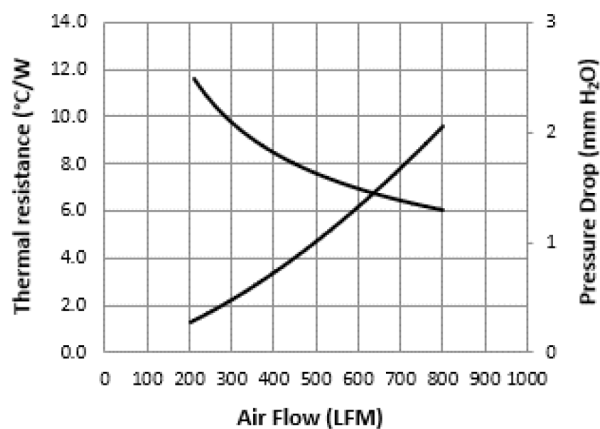


Base thickness is 2mm, fin thickness is 0.4mm and fin spacing is 2mm*.
Which has base thickness 3mm, fin thickness of 0.8 and spacing of 2.63mm.

Graphs



MP008864

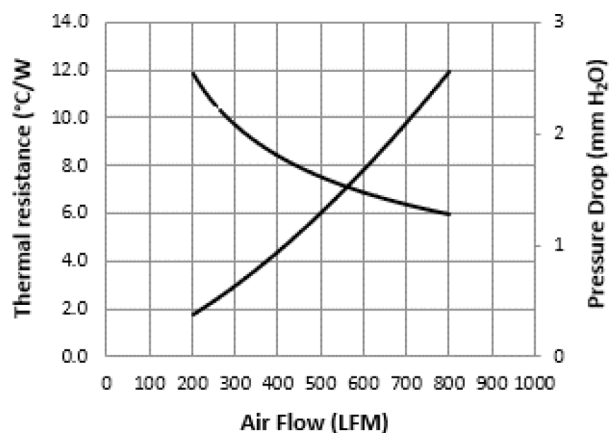


MP008865

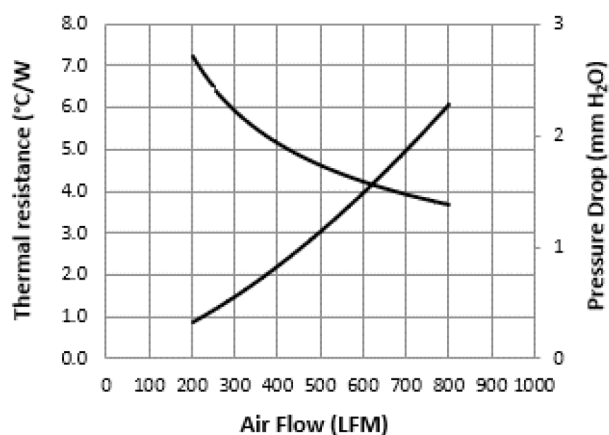
Heat Sinks

Natural Convection

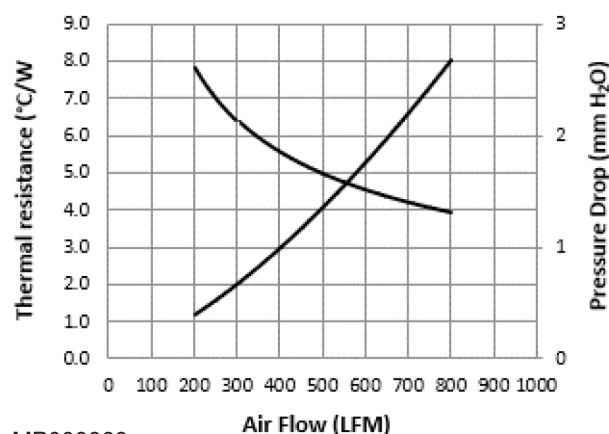
multicompPRO



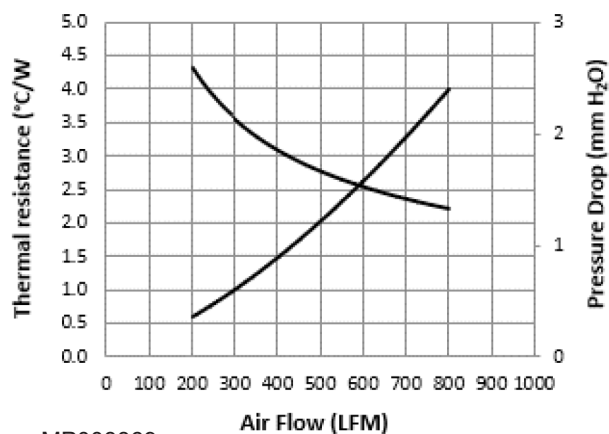
MP008866



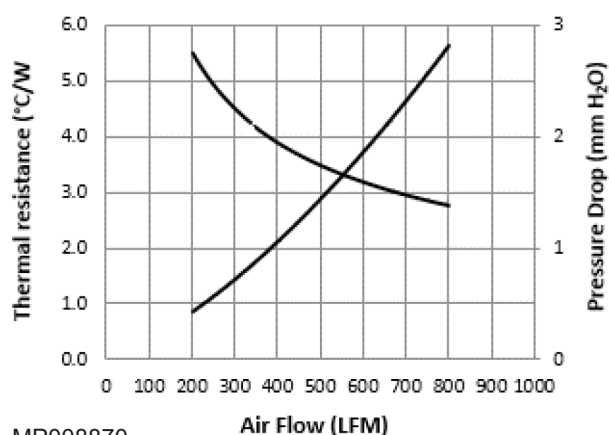
MP008867



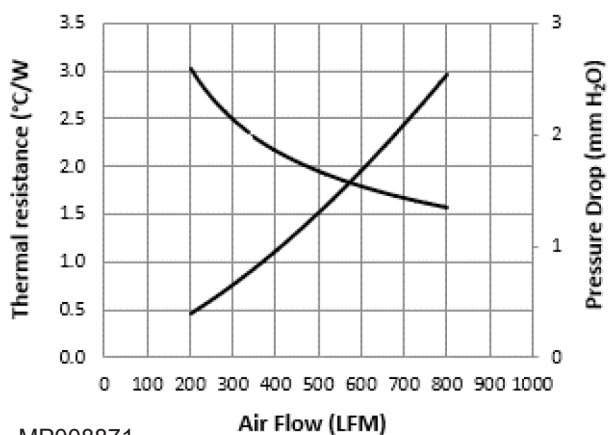
MP008868



MP008869



MP008870



MP008871

Dimensions : Millimetres

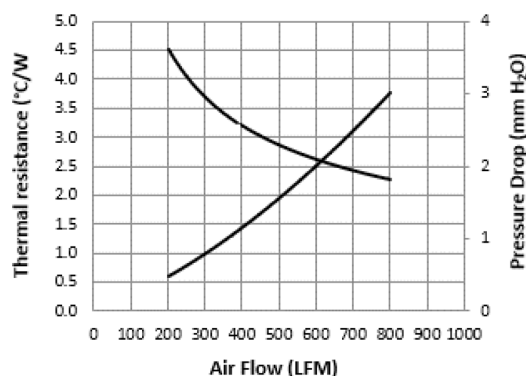
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO

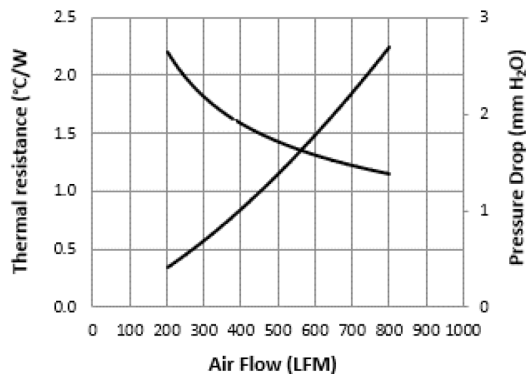
Heat Sinks

Natural Convection

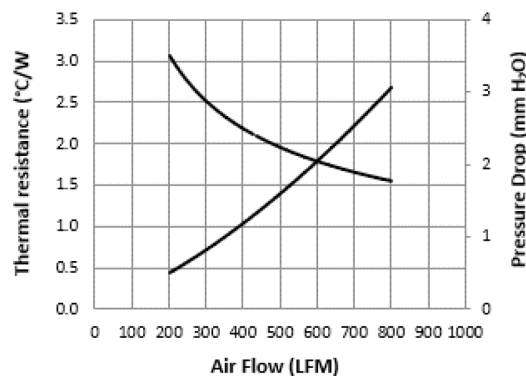
multicompPRO



MP008872

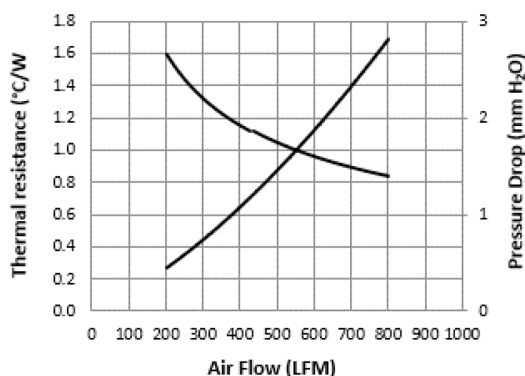


MP008873



MP008874

Dimensions : Millimetres



MP008875

Part Number Table

Description	Part Number
Heat Sink, Cold Forged, 19mm × 19mm × 6mm	MP008864
Heat Sink, Cold Forged, 19mm × 19mm × 10mm	MP008865
Heat Sink, Cold Forged, 25mm × 25mm × 7mm	MP008866
Heat Sink, Cold Forged, 25mm × 25mm × 11mm	MP008867
Heat Sink, Cold Forged, 30mm × 30mm × 8mm	MP008868
Heat Sink, Cold Forged, 30mm × 30mm × 14mm	MP008869
Heat Sink, Cold Forged, 35mm × 35mm × 9mm	MP008870
Heat Sink, Cold Forged, 35mm × 35mm × 16mm	MP008871
Heat Sink, Cold Forged, 40mm × 40mm × 9mm	MP008872
Heat Sink, Cold Forged, 40mm × 40mm × 21mm	MP008873
Heat Sink, Cold Forged, 45mm × 45mm × 11mm	MP008874
Heat Sink, Cold Forged, 45mm × 45mm × 21mm	MP008875

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
sg.element14.com/b/multicomp-pro

multicompPRO