

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

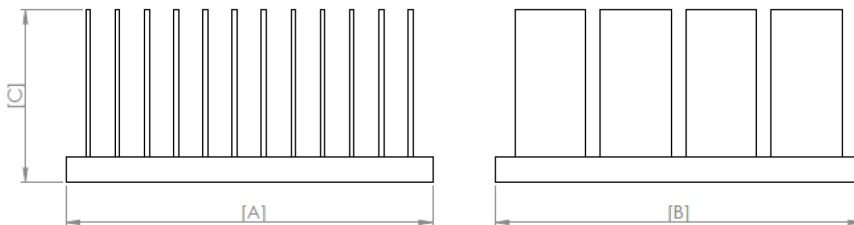
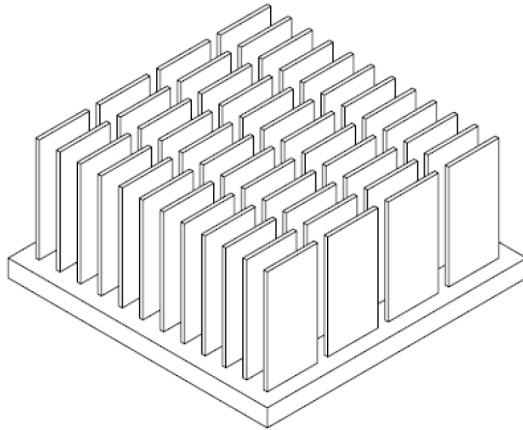
Part Number	Title	Length mm (A)	Width mm (B)	Height mm (C)
MP008864	Heat Sink, Cold Forged, 19mm × 19mm × 6mm	19	19	6
MP008865	Heat Sink, Cold Forged, 19mm × 19mm × 10mm	19	19	10
MP008866	Heat Sink, Cold Forged, 25mm × 25mm × 7mm	25	25	7
MP008867	Heat Sink, Cold Forged, 25mm × 25mm × 11mm	25	25	11
MP008868	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

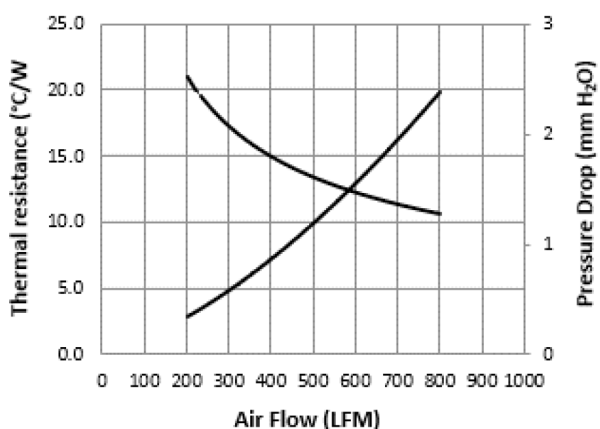
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Drawing

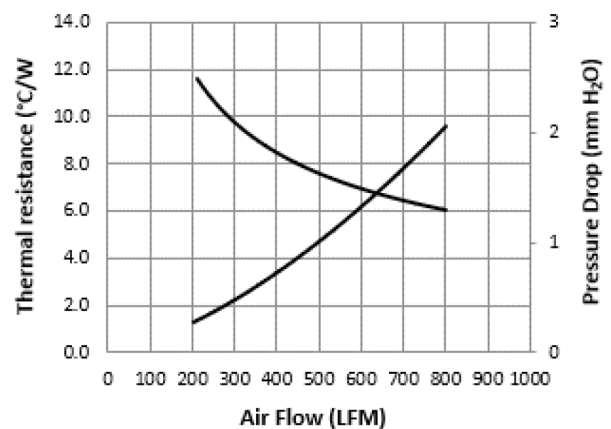


Base thickness is 2mm, fin thickness is 0.4mm and fin spacing is 2mm*.
Which has base thickness 3mm, fin thickness of 0.8 and spacing of 2.63mm.

Graphs



MP008864

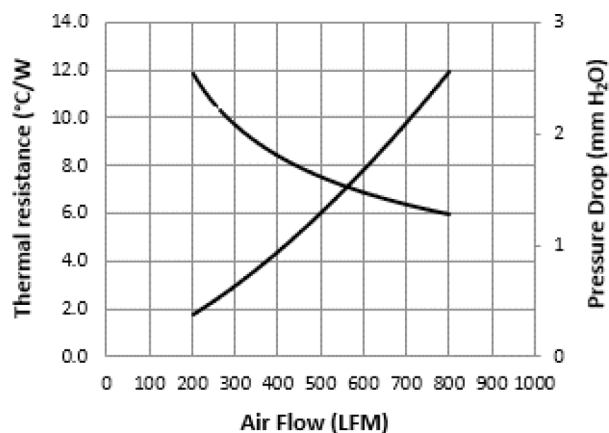


MP008865

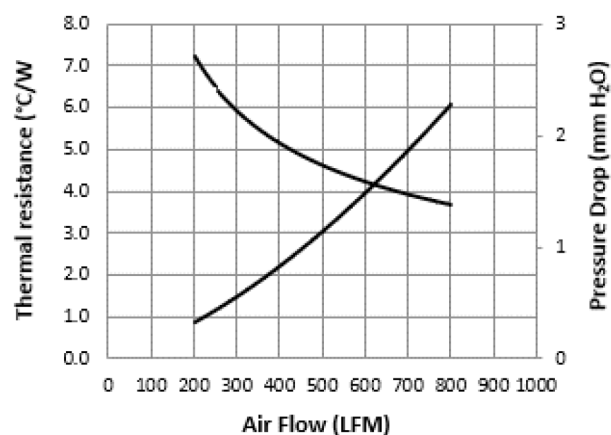
Heat Sinks

Natural Convection

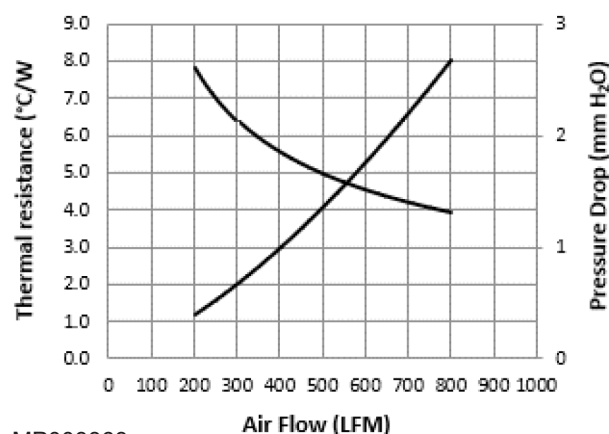
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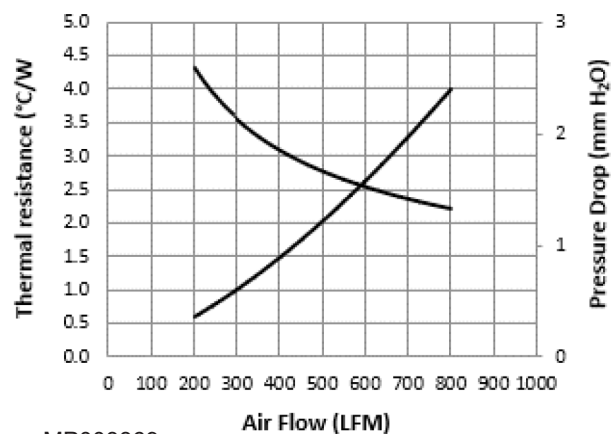
MP008866



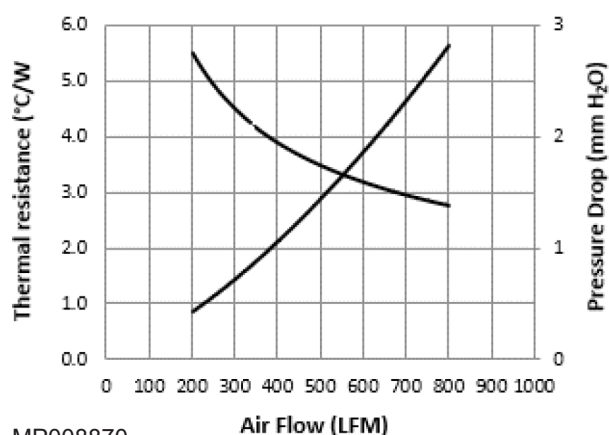
MP008867



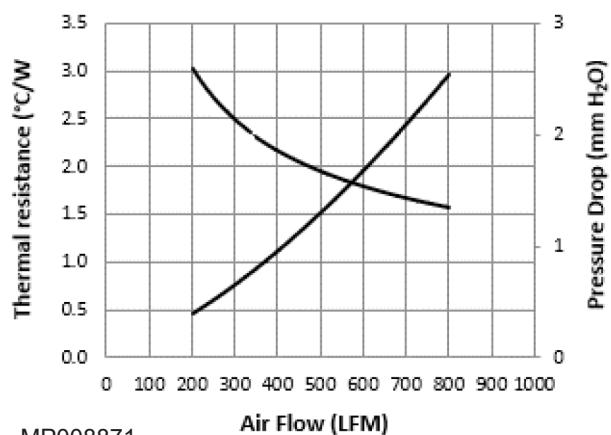
MP008868



MP008869



MP008870



MP008871

Dimensions : Millimetres

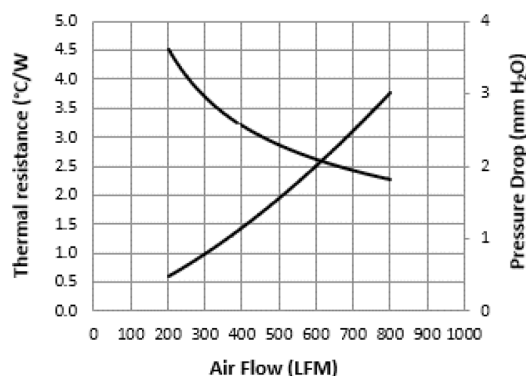
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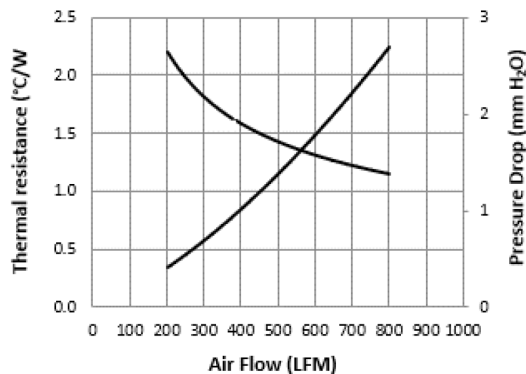
Heat Sinks

Natural Convection

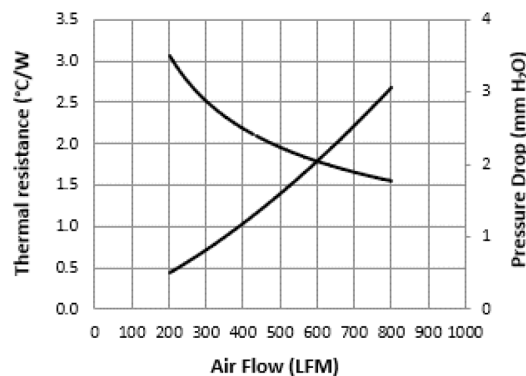
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MP008872

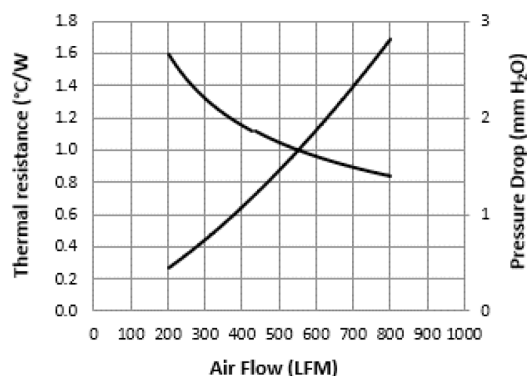


MP008873



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

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