

# Product Data Sheet Type: PO50-50-45-AL

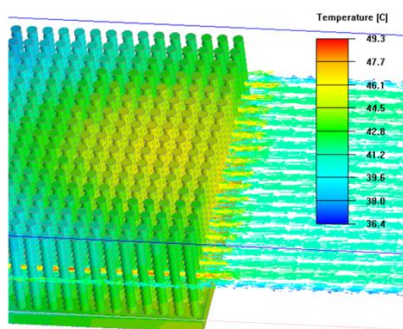
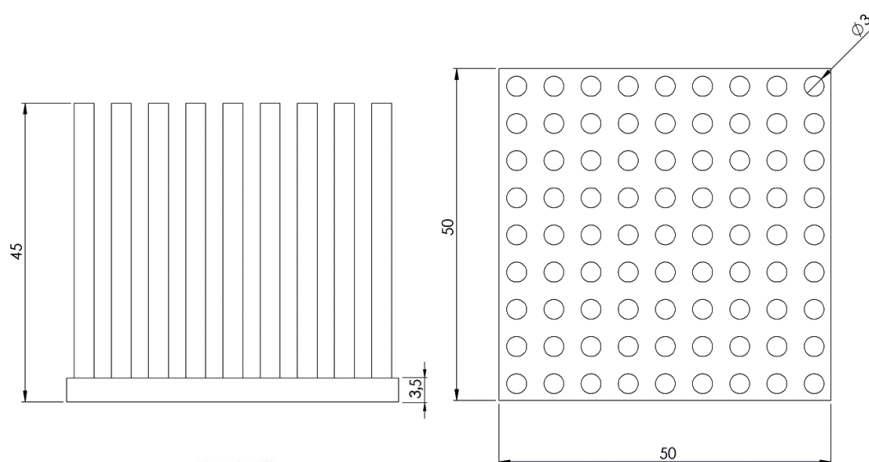
Group: POWERBLOCS Pin Heat Sink

Powerblocs square

Width :	50 mm
Height :	45 mm
Length :	50 mm
Base height :	3.5 mm
Capacity for power dissipation :	65 W
Minimum thermal resistance :	0,7 K/W
Surface :	Blank Aluminium
Material :	Al99,5



- 81 Pins
- Rthk value: 3,6 k/W (for 12 W passive); 0,8 k/W (for 50 W fan on side with 2m/s); 0,7 k/W (for 65 W fan on top with 2m/s)
- Detailed thermal report on request
- Design optimised for passive and active convection
- Mechanical processing upon request
- Fitting thermal interface material available (also preassembled)
- Fitting fans available (also preassembled)
- Surface refinement: anodising, chromating
- Optimal heatdissipation from baseplate to pins
- Customised modifications and/or design upon request; ( <mailto:info@alutronic.com> )



Thermische Leistungswerte bitte anfragen:  
For thermal parameters please contact us:  
[info@alutronic.de](mailto:info@alutronic.de)