

Aluminum passive heatsink 300x25x12mm

Product codes:

Reference: AM5585

EAN13: -

UPC: 76169990



Product features:

Product attributes:

Product description:

Passive aluminum heat sink is designed to dissipate heat from power semiconductors and other electronic components. It is used to stabilize operating temperature and increase operational reliability under both continuous and pulsed loads.

Technical specifications

- Type: passive cooler
- Material: aluminum
- Dimensions: 300 x 25 x 12 mm
- Design: profile with longitudinal ribs
- Mounting: mechanical attachment according to device design

Functions and features

- Increased surface area for natural airflow thanks to ribbing
- Suitable for heat dissipation from power elements and modules in compact assemblies
- Possibility to adjust the length and mounting holes according to application requirements
- Design suitable for mounting on a flat surface

Ideal for

- LED applications and LED modules with higher thermal output
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- Voltage stabilizers, power transistors, rectifiers and DC/DC converters
- Industrial controllers and power supplies
- Prototyping and custom mechanical design of electronics

Package contents

- Aluminum heatsink 300 x 25 x 12 mm

Why choose this product?

- Simple passive cooling without noise and without the need for a fan power supply
- Standard profile suitable for a wide range of power applications
- Dimensionally suitable for installation in cabinets and assemblies with limited space

Installation and operating instructions

- To achieve good thermal contact, use a flat contact surface and suitable thermally conductive material.
- During assembly, ensure uniform pressure forces to avoid deformation of the components or the heat sink.
- Adjust the location and orientation of the cooler to the airflow in the device; ambient temperature and ventilation are crucial for passive cooling.

Safety notice

- The cooler can reach high temperatures during operation; there is a risk of burns when handling it after loading.
- If the cooler is in electrical contact with live parts, it is necessary to ensure adequate insulation and comply with the requirements for safe distances in the equipment.

Product gallery: