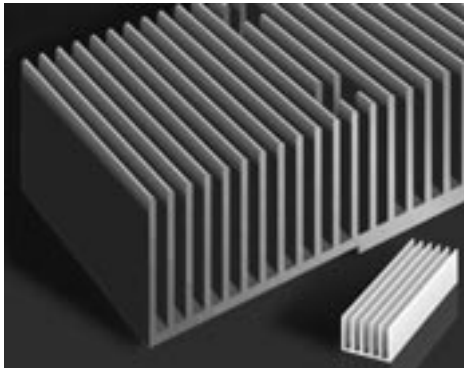


10:1 High Aspect Ratio Extruded Heat Sink

Extra Fin Surface Area for High-Performance Electronics



INTRODUCTION

Designers of industrial and other high-end computers sometimes need extra fin surface for heat dissipation, but cannot increase the volume of space available for the heat sink. Enertron's 10:1 (fin height to fin pitch) high aspect ratio extruded heat sink provides an effective solution for just such a case.



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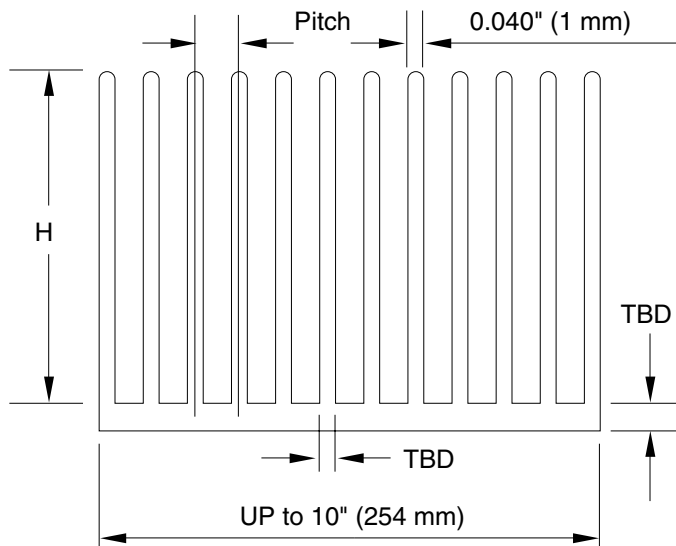
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Enertron's 10:1 high aspect ratio aluminum extruded heat sink provides more fin surface for heat dissipation than a low aspect ratio extruded heat sink, yet requires no additional space. The difference in weight is negligible. The result is a more efficient heat sink with higher performance per gram.

The 10:1 extruded heat sink comes in a variety of sizes. As with all Enertron thermal solutions, Enertron's engineers will work to ensure that a heat sink is designed to fit the customer's application. All machining is done exactly according to the customer's print. Surface treatment is customizable.

The 10:1 extruded heat sink can be used in either a natural or forced convection environment. It is an ideal thermal solution for workstation CPUs, high performance power supplies and converters, and high-end amplifiers.

Through a proprietary extrusion process and precision, cost-effective machining, Enertron provides a powerful yet inexpensive thermal solution. The manufacturing process is proven and reliable in both small and large quantities. The minimum order is typically 1,000 pounds.



Specifications:

Minimum Fin Thickness: 1 mm
Material: Aluminum A6063-T5
Maximum Extruded Width: 10"

Best Applications:

- Industrial Computer Systems
- High Performance Power Supplies
- High-End Amplifiers
- Central Servers
- Power Converter Modules
- Workstation CPUs
- High Performance Power Converters
- Military-Use Computers
- Mainframe Computers

Enertron... A Powerful Thermal Management Team and a Skilled Production Partner

Enertron is both a powerful thermal management engineering service and a highly-skilled, cost effective production partner. Enertron offers custom thermal solutions at "off-the-shelf" prices and delivery times. Enertron's customers are Fortune 500 companies in the computer, microelectronics, aerospace, and defense industries. Enertron competes on its industrial expertise, timely service, and unerring commitment to excellence for its customers.

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