

Application Note

Vol. 2003-01



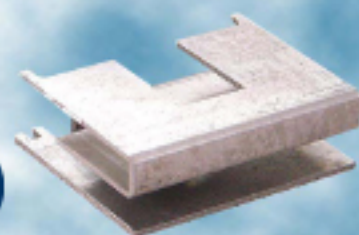
Application: Custom Formed Aluminum Heatsink

Overview

Formed aluminum heatsinks are very common for board level heat dissipation. A custom formed heatsink presents an opportunity for cost savings, along with increased thermal efficiency, when the heatsink becomes part of the packaging structure. The heatsink may act as a board stiffener, standoff, or part of the packaging.

Custom formed aluminum heatsinks from ThermTec allows the customer to meet exact product requirements without paying a premium.

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ThermTec Solution

Many times, off the shelf solutions are more costly than a custom assembly. By keeping tooling costs low, and utilizing our high-speed metal forming capabilities, ThermTec provides a cost effective product that fits the design, instead of making the design fit the available off the shelf products. Whether the application calls for folding, punching, drilling, tapping or plating, ThermTec can provide the services required. ThermTec has the ability to cut costs from products while maintaining the highest quality and on time delivery.



Target Customers

Any customer using board level components may use heatsinks, standoffs, and brackets that can be combined into a single formed aluminum heatsink. The heatsink pictured here is from a security equipment panel, but the applications are not limited to any particular industry. If you are selling board level components, semiconductors, or PCBs, you have an opportunity to sell a formed aluminum heatsink. Ask your current customers if they purchase formed aluminum products, you will find many applications already there.

About ThermTec

ThermTec, a Segue company, provides custom solutions in metal, whether it is an aluminum extrusion, stamped and formed metal, busbar, or insulated metal substrate. With three plants and over 500,000 square feet of combined manufacturing capability, ThermTec has the ability to cut costs from products while maintaining the highest quality and on time delivery.

