

Liquid Cooled Aquasurf® Heatsinks

The lowest thermal resistance available

Copper tubes are embedded in the surface of an aluminum plate to provide the lowest thermal resistance between the semiconductor mounting surface and the cooling liquid. Tubes can be bent into complex arrays to ensure the copper surface is directly under the semiconductor chips.

Contact the Applications Department for Modeling Assistance at 905-795-0077 x258 or x340.

Features/Benefits:

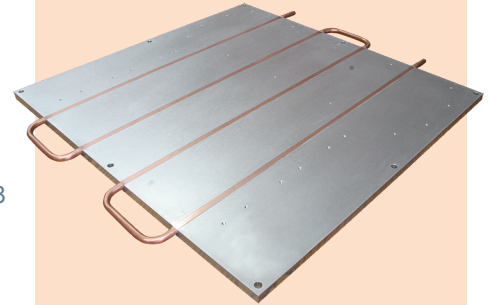
- Aluminum body, copper tubes
- Copper tubes embedded in aluminum surface
- Copper tubes can be embedded both sides
- Copper tubes can be custom formed to suit application
- Epoxy interface between copper and aluminum
- Lowest cost

Highlights:

- Custom tube layout
- Exposed copper tubes minimizes thermal interface with semiconductors
- Parallel tube design option equalizes junction temperatures

Applications:

- Any high power semiconductor application



Performance:

- Contact factory applications department