

# Tungsten-copper heat sink for optical modules

The tungsten-copper heat sink component for the optical module is prepared by adopting an injection molding process, the raw material utilization rate is high, the size precision of...

Our tungsten-copper composites provide high thermal conductivity and perfect expansion matching with compound semiconductors used in opto-electronics and photonic devices, like laser diodes and HHL ...

In this blog, we'll explore what makes tungsten copper heat sinks superior, where they are used, how they're made, and why they're an excellent choice for high-demand applications - from electronics to ...

MoCu alloys are made by sintering molybdenum and copper together. This results in a tungsten copper heat sink of lower density, low CTE and excellent thermal conductivity.

Using materials like Kovar and Tungsten-Copper, our housings ensure superior hermeticity, mechanical support, and electromagnetic shielding, guaranteeing longevity and stability for core devices in ...

ETI provides complete service for copper tungsten, copper molybdenum, pure molybdenum, Cu-Mo-Cu and Cu-Mo70Cu-Cu heat sinks. Send your request to [sales@edge-techind](mailto:sales@edge-techind) .

The tungsten-copper heat sink component for the optical module is prepared through the injection molding process, the raw material utilization rate is high, the size precision of the component is good, ...

Copper Tungsten is one of the most popular refractory metal based heat sink materials offered today. With the new off-the-shelf system, we are able to offer standard products with a short lead-time at ...

PESCO's Tungsten Copper Alloy (WCu) Base Flange Heat Sink, with its designable CTE and excellent thermal-mechanical properties, is becoming the key answer to solving this industry ...

Finned and extrusion-style heat sinks use strategically shaped surfaces to maximize exposure to air, enhancing natural or forced convection. Cross-cut designs further improve airflow and thermal ...

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