

Product Guide

Off-the-Shelf Copper Tungsten Heat Sinks

PURPOSE

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 extremely competitive rates.

All off-the-shelf part prices are listed on our website, plain and simple, so that you can compare them with others to make an easy and confident purchasing decision. In addition to simplifying the buying process, we also guarantee the performance and quality of our product and stand behind the stature of our company.

FEATURES

- Good thermal conductivity (important to conduct the heat away from the IC's)
- Good hermeticity (important in protecting the immediate environment the IC is in)
- Good mechanical strength to provide excellent mechanical protection to the IC's
- Good machinability so that they can be formed to desired shapes
- Proper CTE to match that of IC's (Si, GaAs) and other packaging materials like alumina, BeO and AlN ceramic, etc.

PRODUCTS

Part No.	Product Illustration	Material	Approx. Dimensions (mm)	Application	Unit Price (100pcs)	Unit Price (5000pcs)
D851002-1	See Backpage	W85Cu	26.416X13.716X1.016	Flange for Hermetic Packages	\$5.90	\$4.50
D751003-1	See Backpage	W75Cu	18.898X6.229X1.524	Flange for RF Packages	\$3.60	\$2.65
D851004-1	See Backpage	W85Cu	34.036X9.779X1.702	Flange for RF Packages	\$6.90	\$5.20
D851005-1	See Backpage	W85Cu	24.765X6.477X1.524	Flange for RF Packages	\$4.30	\$3.20
D751006-1	See Backpage	W75Cu	30.48X9.779X1.524	Flange for RF Packages	\$5.90	\$4.30
D901007-1	See Backpage	W90Cu	17X14X1	Flange for Opto Packages	\$4.75	\$3.85
D851008-1	See Backpage	W85Cu	20.193X13.716X1.194	TO254 Flange	\$5.30	\$3.90
D851009-1	See Backpage	W85Cu	16.637X10.592X1.016	TO257 Flange	\$3.80	\$2.80

* All prices listed above are for unplated base plates. We offer our customers the option of either 80µ" of Ni or 100µ" Au over 100µ" min Ni plating. Lead time is an extra 8-10 days. Please contact us for pricing information.

VALUABLE CUSTOMER FEEDBACK

"We have been working as a nickel and gold plating processing partner with Torrey Hills Technologies for several years now. After having produced hundreds of thousands of CuW and CuMo components with them, we find them to be a reliable and trustworthy company to do business with. Their high quality materials perform well through the plating processing and delivers products we ship with confidence. We enjoy working with the people at Torrey Hills Technologies and look forward to building our businesses to continue satisfying the requirements of the high performance electronics market into the future."

-David Shields; Component Surfaces, Inc

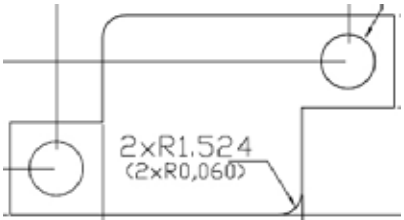
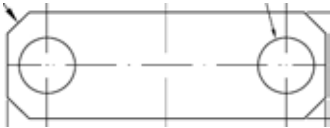
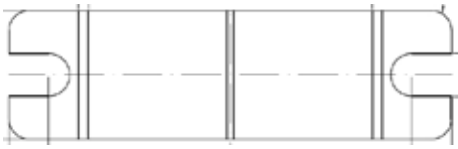
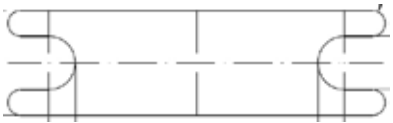

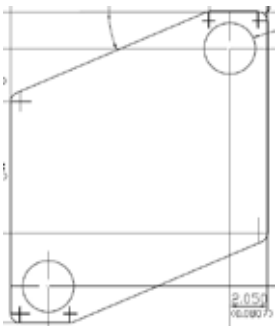
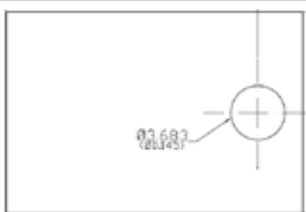
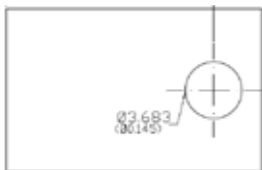
"We are pleased to share our experience with Torrey Hills heat sink materials. Torrey Hills continues to provide excellent products and first class services we can rely on."

-David Virissimo; SPM, A Coining Company

"Their products are impressive. We have been using several Torrey Hills CuW base plates for the last 4-5 years. They completely meet our quality standards and we would recommend their products to everyone!"

-Tierre Kerr; Multiplex, Inc

PRODUCT ILLUSTRATIONS

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