



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



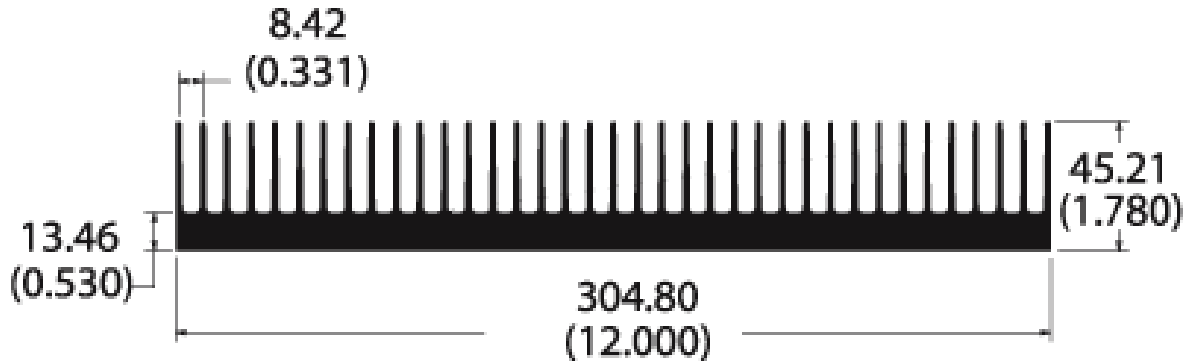
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70165 PRODUCT DETAILS

| <i>Property</i> | <i>Details</i> |
|------------------|--|
| <i>Height</i> | 1.78 in (45.21 mm) |
| <i>Width</i> | 12.00 in (304.8 mm) |
| <i>Perimeter</i> | 113.86 in |
| <i>Weight</i> | 11.8 lbs per foot (17.56 kg per meter) |
| <i>Material</i> | 6063-T5 Aluminum Extrusion Alloy |



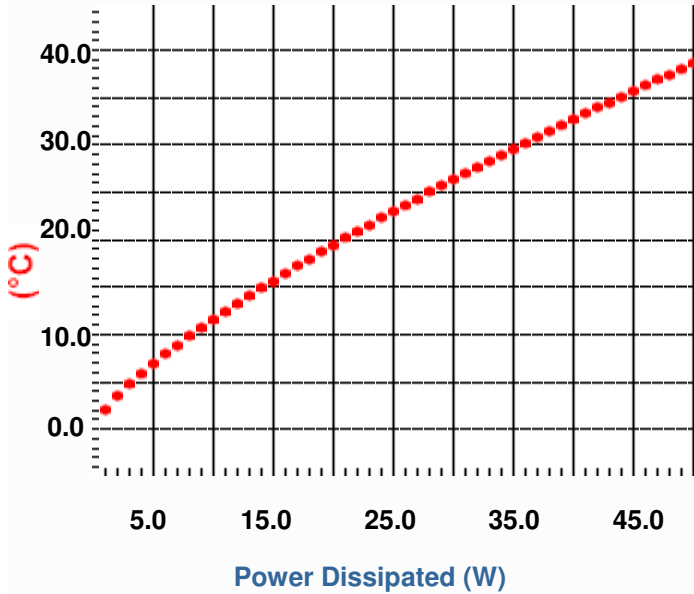
THERMAL DATA

Natural Convection: 0.61 based on 70 C temp rise above ambient.

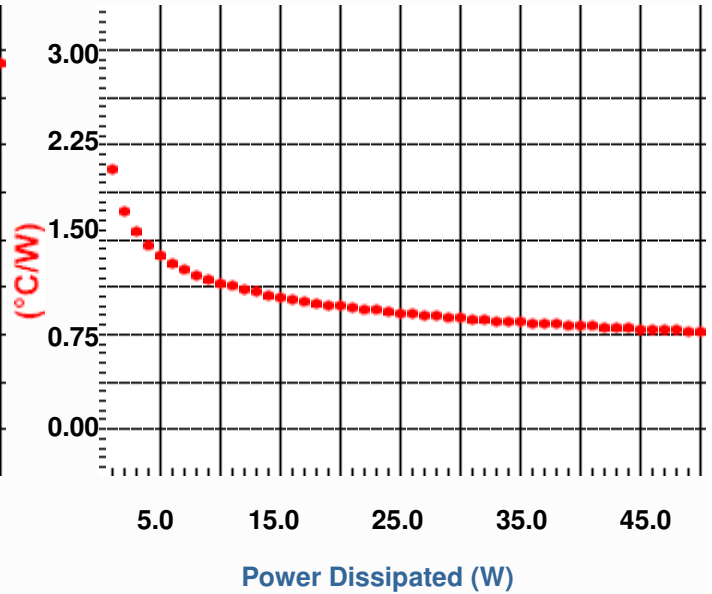
Thermal resistance is calculated based on a single 1" (25.4mm) square heat source centered on the heat sink. If you have distributed loads, then you can expect 10% better performance in natural convection and 20% better performance in forced convection.

Natural Convection

Heat Sink Temperature Rise Above Ambient

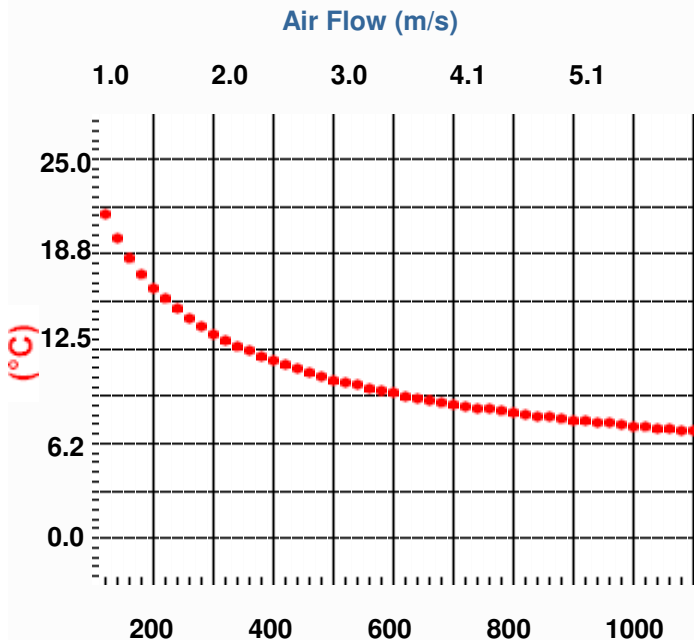


Heat Sink Thermal Resistance



Forced Convection

Heat Sink Temperature Rise Above Ambient (50W Dissipated)



Heat Sink Thermal Resistance

