

74765 PRODUCT DETAILS

| <i>Property</i> | <i>Details</i> |
|------------------|--------------------------------------|
| <i>Height</i> | 1.02 in (25.91 mm) |
| <i>Width</i> | 4.24 in (107.7 mm) |
| <i>Perimeter</i> | 50.53 in |
| <i>Weight</i> | 2.4 lbs per foot (3.57 kg per meter) |
| <i>Material</i> | 6063-T5 Aluminum Extrusion Alloy |

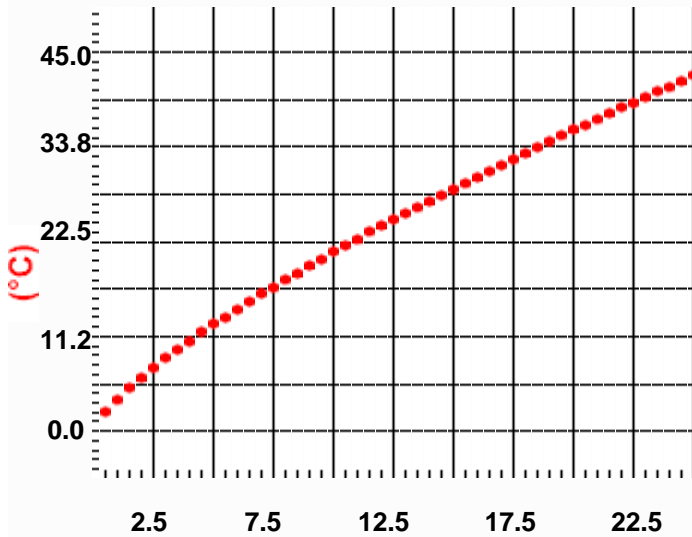


THERMAL DATA

Natural Convection: 1.38 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.

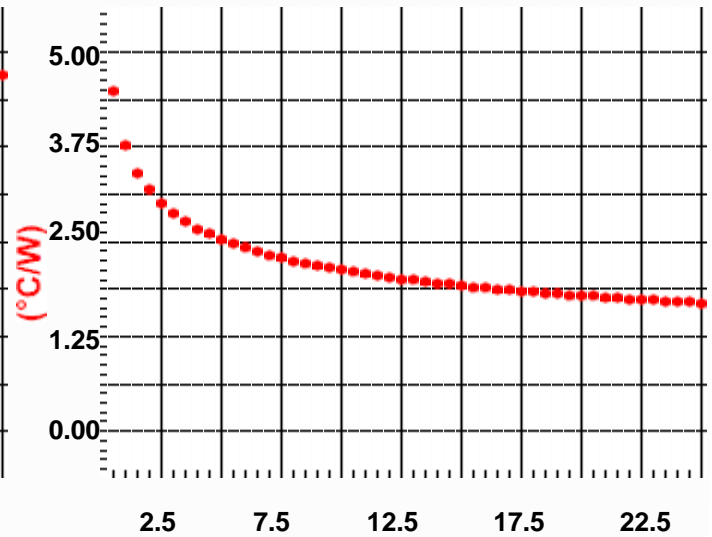
Natural Convection

Heat Sink Temperature Rise Above Ambient



Power Dissipated (W)

Heat Sink Thermal Resistance

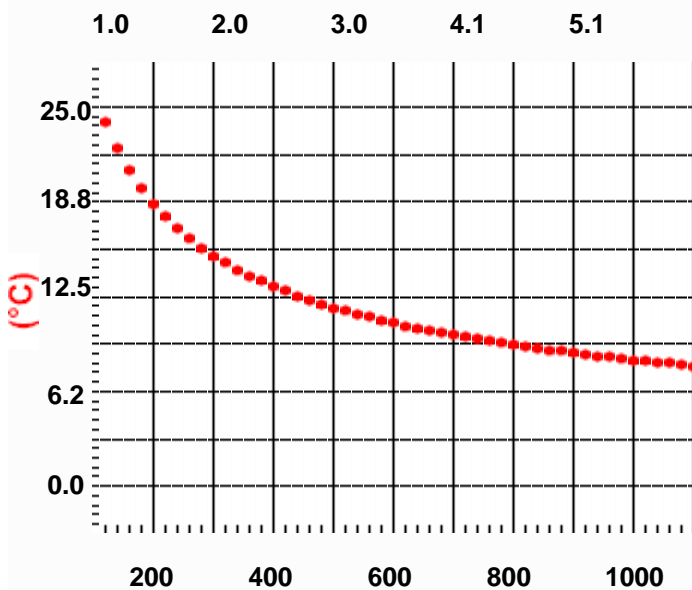


Power Dissipated (W)

Forced Convection

Heat Sink Temperature Rise Above Ambient (25W Dissipated)

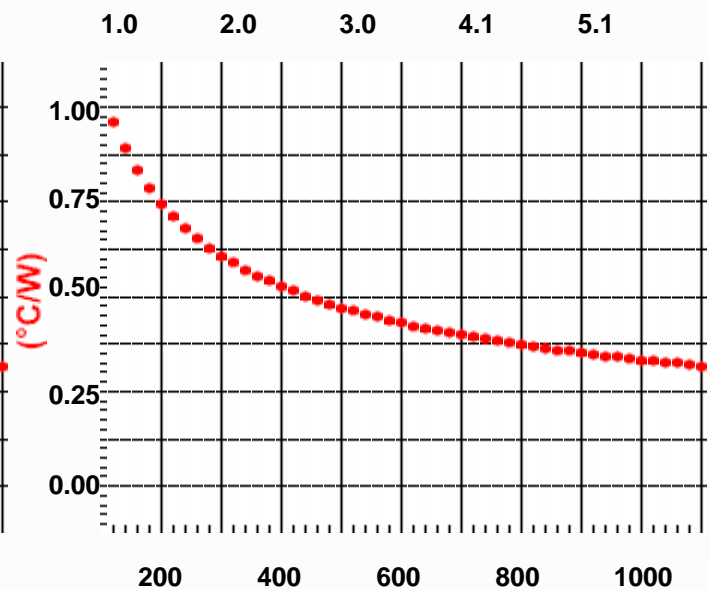
Air Flow (m/s)



Air Flow (LFM)

Heat Sink Thermal Resistance

Air Flow (m/s)



Air Flow (LFM)

