

78010 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



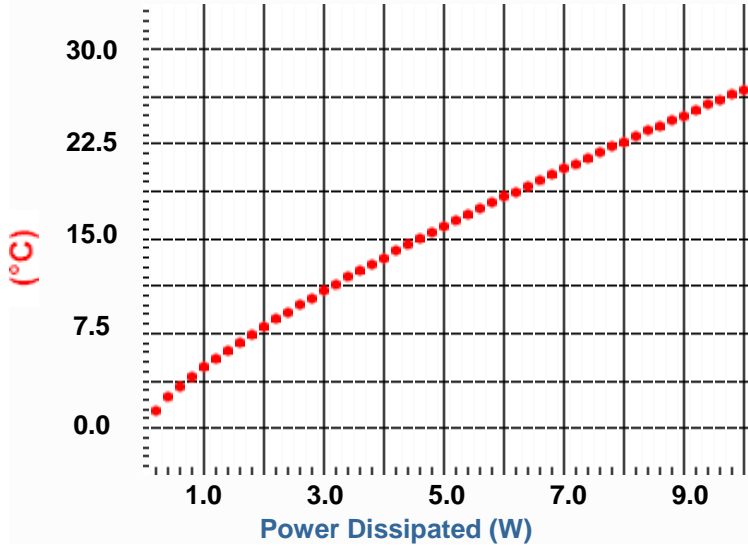
THERMAL DATA

Natural Convection: 1.89 based on 70 C temp rise above ambient

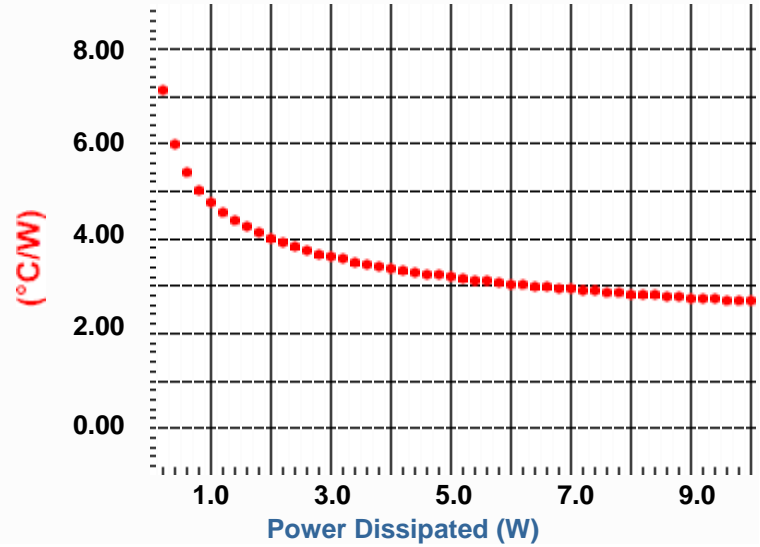
Thermal resistance is calculated based on a single 1" (25.4mm) square heat source centered on the heat sink. If you have distributed loads, then you can expect 10% better performance in natural convection and 20% better performance in forced convection.

Natural Convection

Heat Sink Temperature Rise Above Ambient

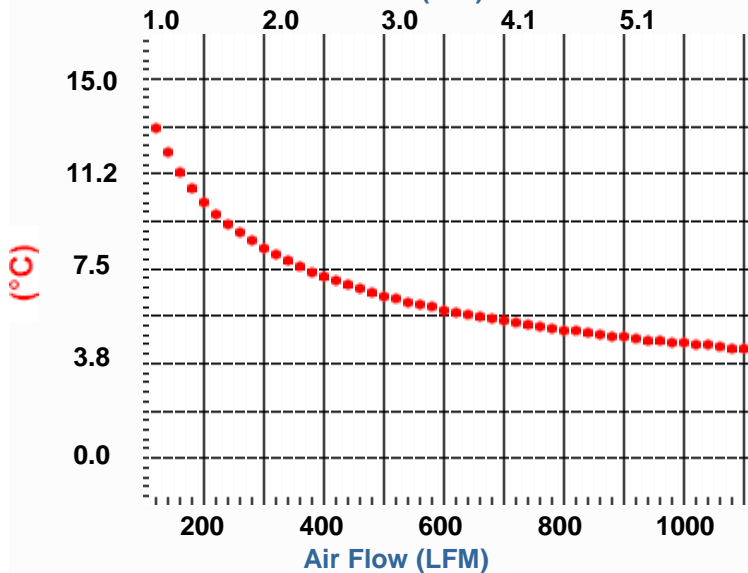


Heat Sink Thermal Resistance



Forced Convection

Heat Sink Temperature Rise Above Ambient (10W Dissipated) Air Flow (m/s)



Heat Sink Thermal Resistance Air Flow (m/s)

