

**78015 PRODUCT DETAILS**

<i>Property</i>	<i>Details</i>
<i>Height</i>	1.97 in (50.04 mm)
<i>Width</i>	1.06 in (26.92 mm)
<i>Perimeter</i>	19.72 in
<i>Weight</i>	0.9 lbs per foot (1.34 kg per meter)
<i>Material</i>	6063-T5 Aluminum Extrusion Alloy



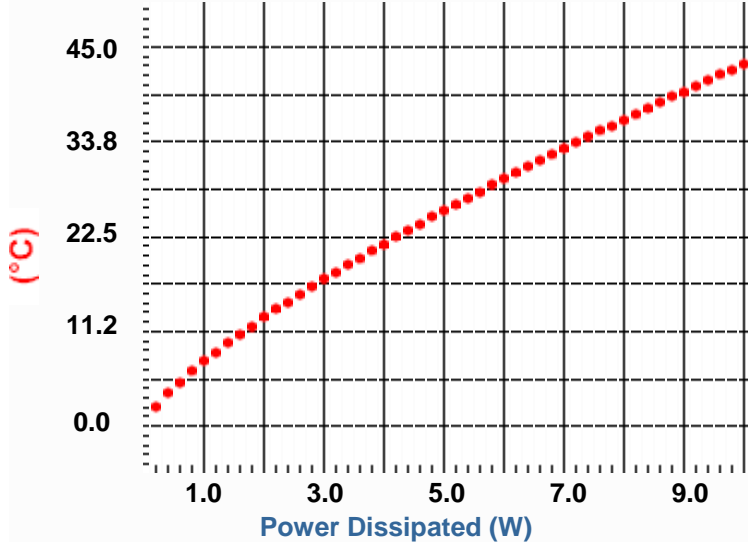
**THERMAL DATA**

Natural Convection: 3.55 based on 70 C temp rise above ambient

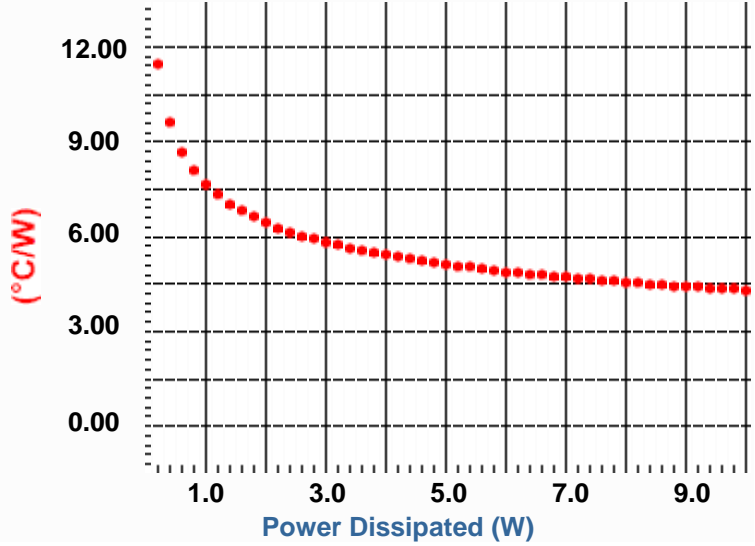
Thermal resistance is calculated based on a single 1" (25.4mm) square heat source centered on the heat sink. If you have distributed loads, then you can expect 10% better performance in natural convection and 20% better performance in forced convection.

**Natural Convection**

Heat Sink Temperature Rise Above Ambient

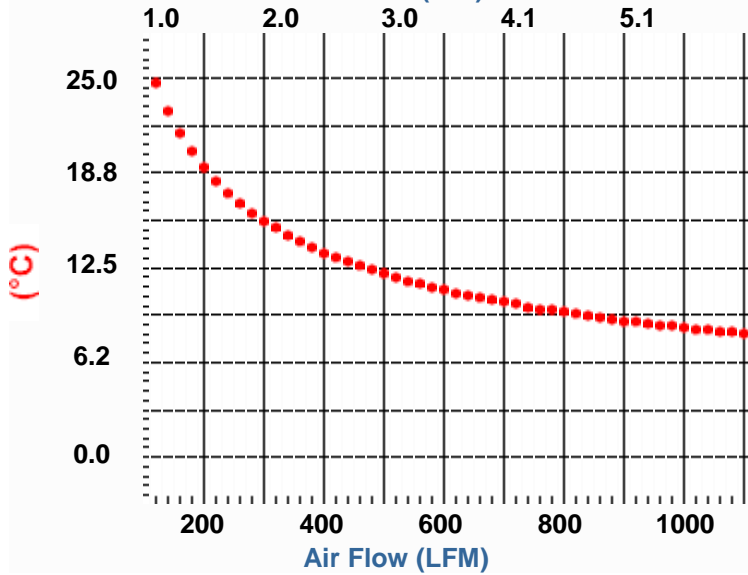


Heat Sink Thermal Resistance



**Forced Convection**

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



Heat Sink Thermal Resistance  
Air Flow (m/s)

