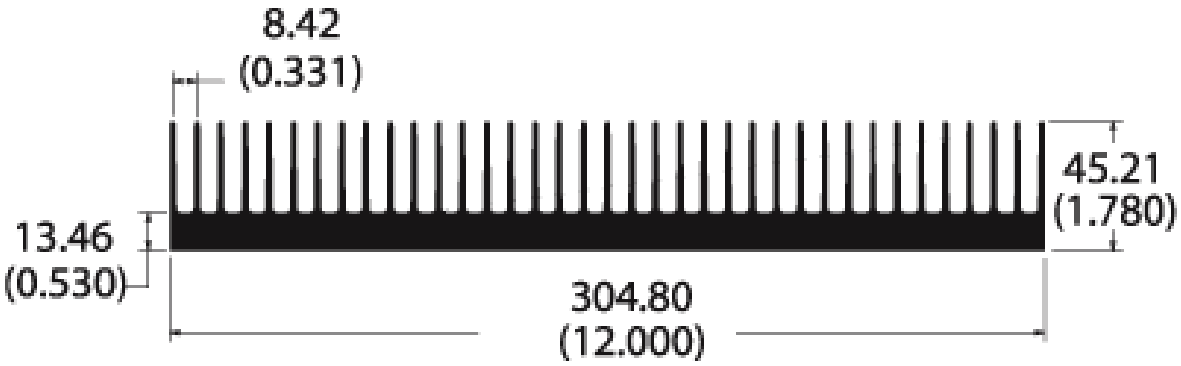
EXTRUSION PROFILE 70165

RoHS Compliant



70165 PRODUCT DETAILS

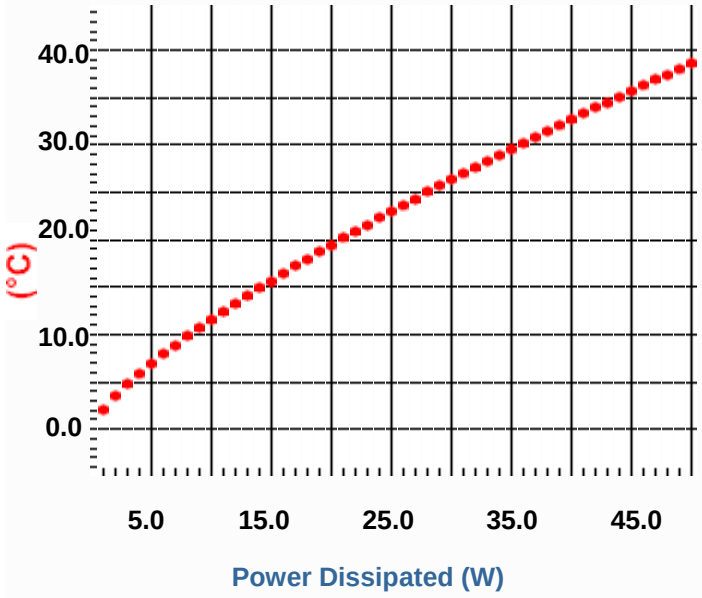
Property	*Details*
Height	1.78 in (45.21 mm)
Width	12.00 in (304.8 mm)
Perimeter	113.86 in
Weight	11.8 lbs per foot (17.56 kg per meter)
Material	6063-T5 Aluminum Extrusion Alloy

THERMAL DATA

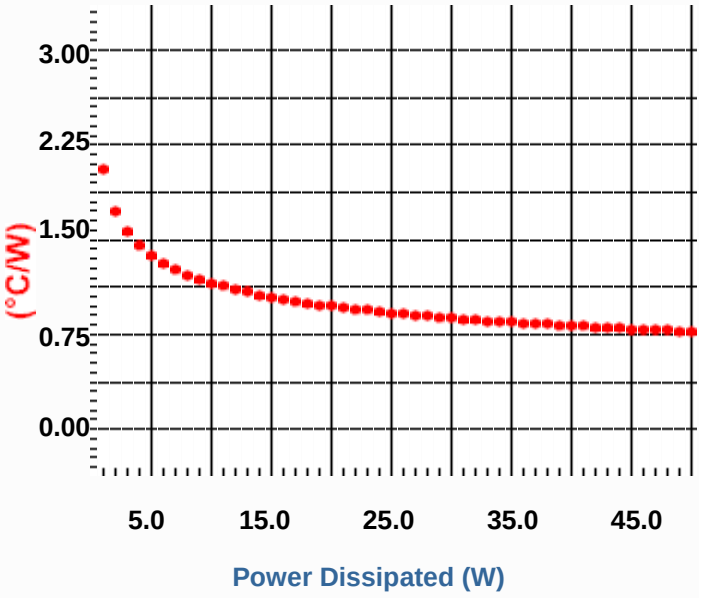
Natural Convection: 0.61 based on 70 C temp rise above ambient.
Thermal resistance is calculated based on a single 1" (25.4mm) square heat source centered on the heat sink. If you have distributed loads, then you can expect 10% better performance in natural convection and 20% better performance in forced convection.

Natural Convection

Heat Sink Temperature Rise Above Ambient

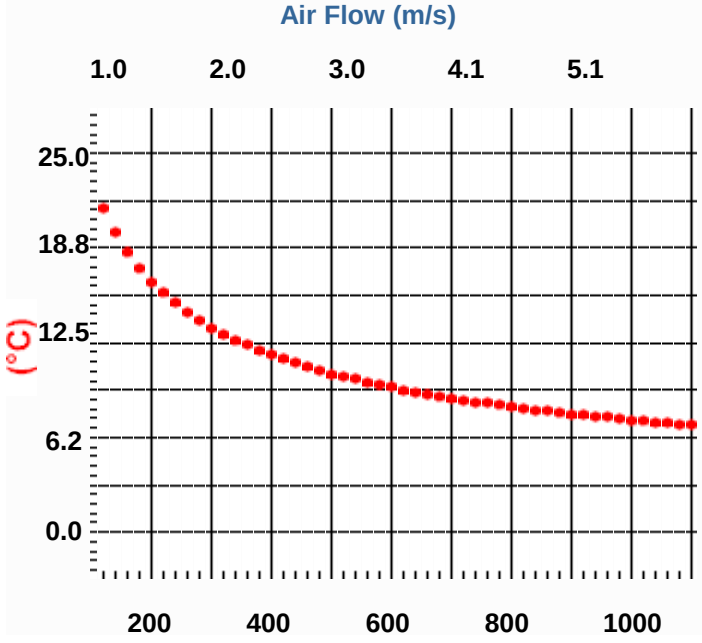


Heat Sink Thermal Resistance



Forced Convection

Heat Sink Temperature Rise
Above Ambient (50W Dissipated)



Heat Sink
Thermal Resistance

