



flexiBrute Heatsink Extrusions

Introduction

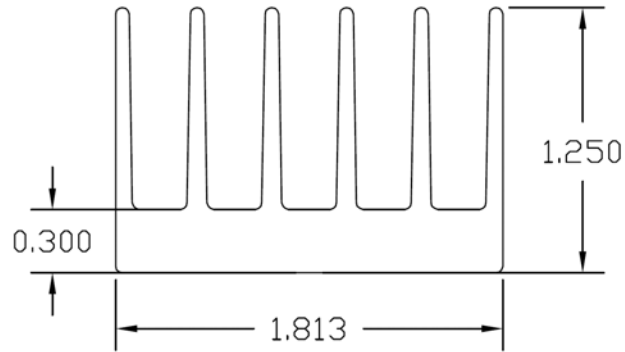
Eastern Voltage Research offers a wide selection of low-cost extruded aluminum heatsink for power applications including solid state Tesla Coils including DRSSTCs, and other power electronics. We offer a wide array of widths and profiles to fit practically any thermal design need you may have. The profiles were specifically chosen to be compatible with high power MOSFET and IGBT devices including SOT-227 devices and CM300 and CM600 IGBT power modules. All heatsinks have minimum width baseplate widths of 0.300" which is ideal for the mounting of large power devices.

Features:

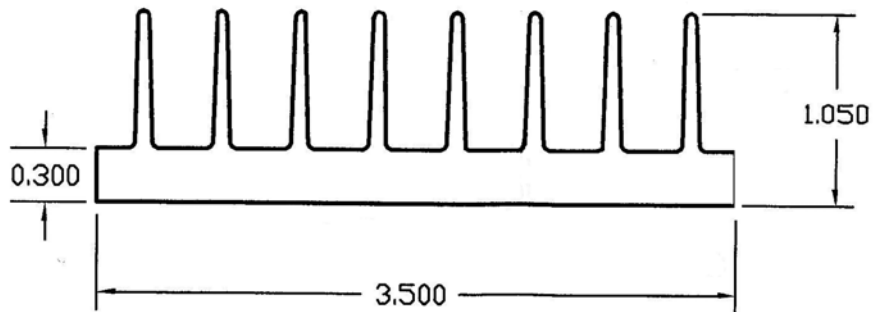
- Large variety of widths available
- Low thermal impedance
- Extra-thick base width (>0.300")
- Perfect for IGBT half-bridges and full-bridges
- All heatsinks custom cut to any length

Heatsink Profile Thermal Impedances

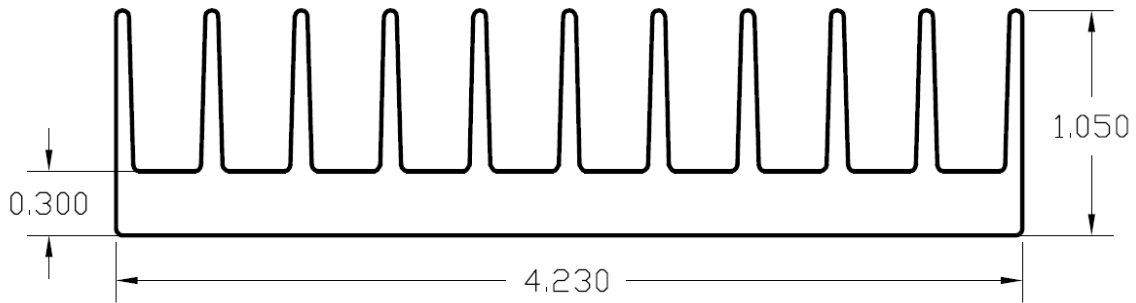
Profile Number	Thermal Impedance
1.8	4.50 °C/W/3.00"
3.5	3.50 °C/W/3.00"
4.2	2.15 °C/W/3.00"
5.4	1.15 °C/W/3.00"
5.9	1.75 °C/W/3.00"
7.3	1.30 °C/W/3.00"
8.5	1.10 °C/W/3.00"
10.0	0.90 °C/W/3.00"
10.1	0.80 °C/W/3.00"



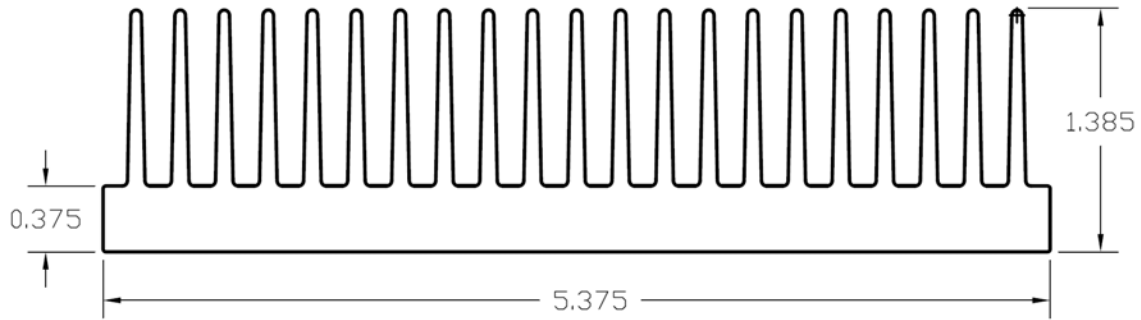
flexiBrute Heatsink 1.8 Profile
(Thermal Impedance 4.50 °C/W/3.00")



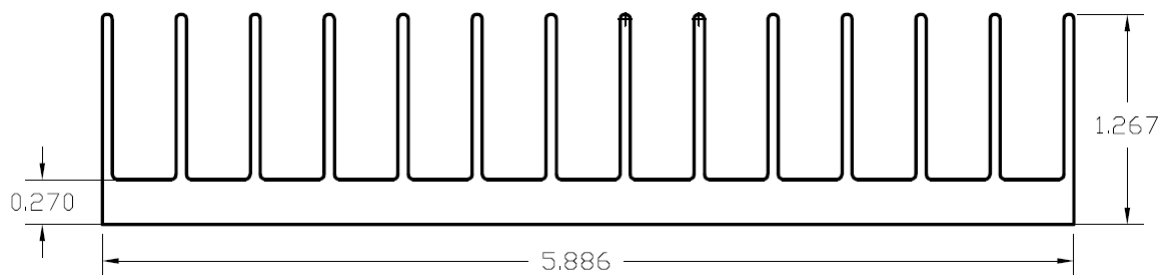
flexiBrute Heatsink 3.5 Profile
(Thermal Impedance TBD °C/W/3.00")



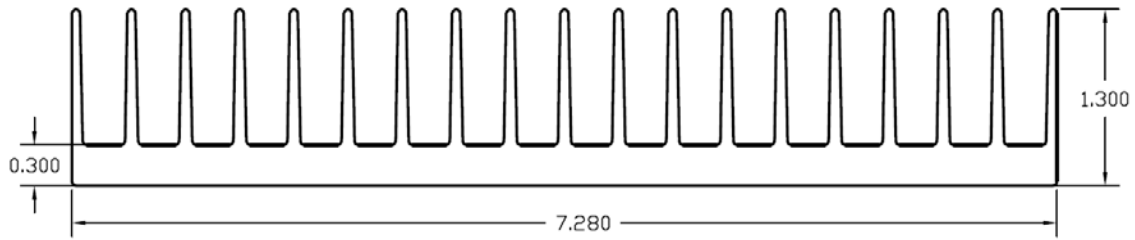
flexiBrute Heatsink 4.2 Profile
(Thermal Impedance 2.15 °C/W/3.00")



flexiBrute Heatsink 5.4 Profile
(Thermal Impedance 1.15 °C/W/3.00")



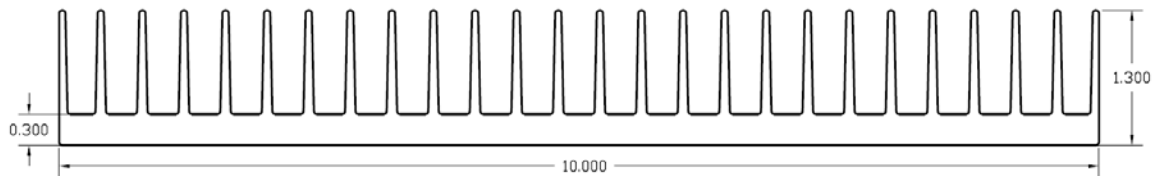
flexiBrute Heatsink 5.9 Profile
(Thermal Impedance 1.75 °C/W/3.00")



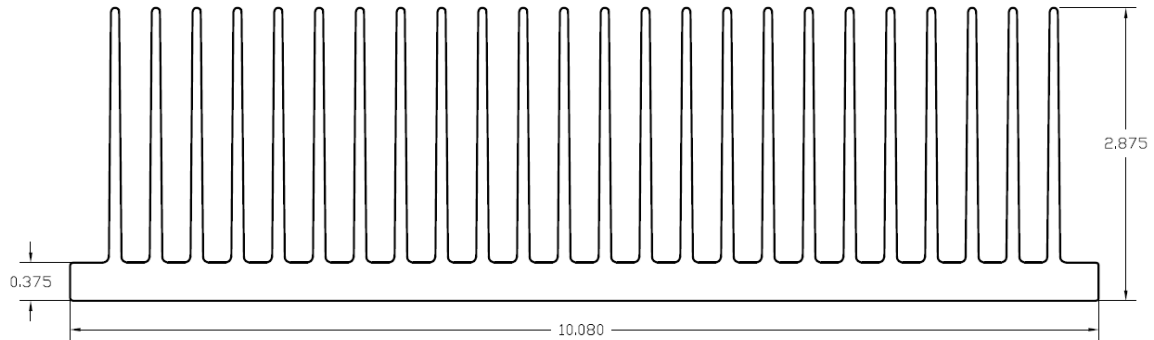
flexiBrute Heatsink 7.3 Profile
(Thermal Impedance 1.30 °C/W/3.00")



flexiBrute Heatsink 8.5 Profile
(Thermal Impedance 1.10 °C/W/3.00")



flexiBrute Heatsink 10.0 Profile
(Thermal Impedance 0.90 °C/W/3.00")



flexiBrute Heatsink Profile 10.1
(Thermal Impedance 0.80 °C/W/3.00")