

# Board Level Cooling – Extruded 5810

## BOARD LEVEL COOLING – Extruded 5810

Extruded 5810 is a series of rectangular bi-directional board level heat sinks designed to cool TO-218, TO-220, and TO-220-single gauge devices. Representative image only.



## ORDERING INFORMATION

| Part Number   | Device Type                 |
|---------------|-----------------------------|
| 581002B02500G | TO-220, TO-220-single gauge |
| 581101B02500G | TO-218                      |
| 581102B02100G | TO-220, TO-220-single gauge |
| 581102B02500G | TO-220, TO-220-single gauge |
| 581202B02500G | TO-220, TO-220-single gauge |

## HEAT SINK DETAILS

| Property                   | Details               |
|----------------------------|-----------------------|
| Material                   | Aluminum              |
| Finish                     | Black Anodize         |
| Device Attachment Options  | Requires Mounting Kit |
| Thermal Interface Material | -                     |

| Property                     | Details           |
|------------------------------|-------------------|
| Heat Sink Width (mm)         | 16.26             |
| Heat Sink Length (mm)        | 16.26             |
| Heat Sink Height (mm)        | See "A" Dim below |
| Heat Sink Mounting Direction | Vertical          |

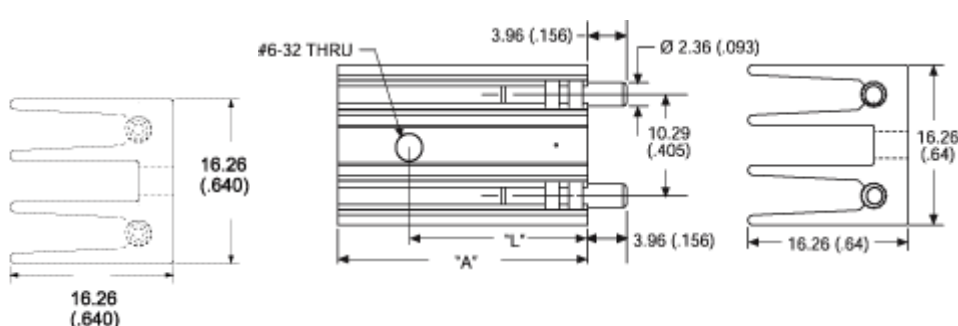
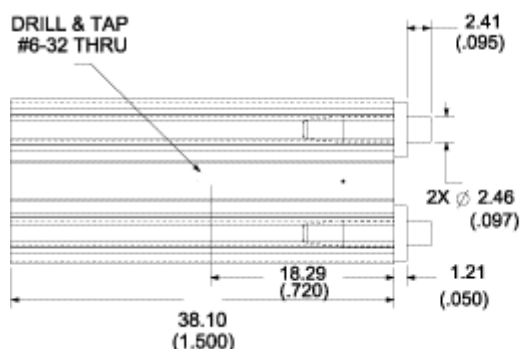
## MECHANICAL & PERFORMANCE

Drawing dimensions are shown in mm, (in)

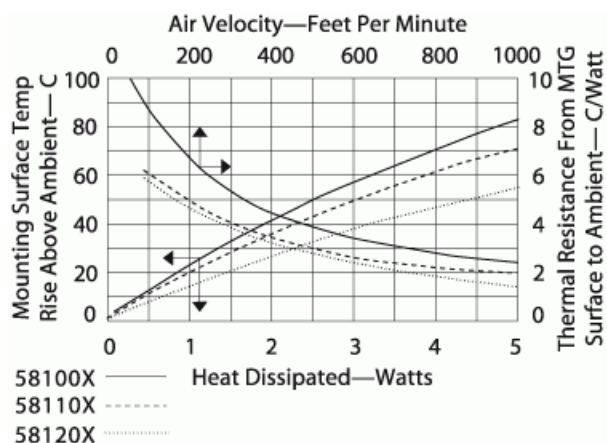
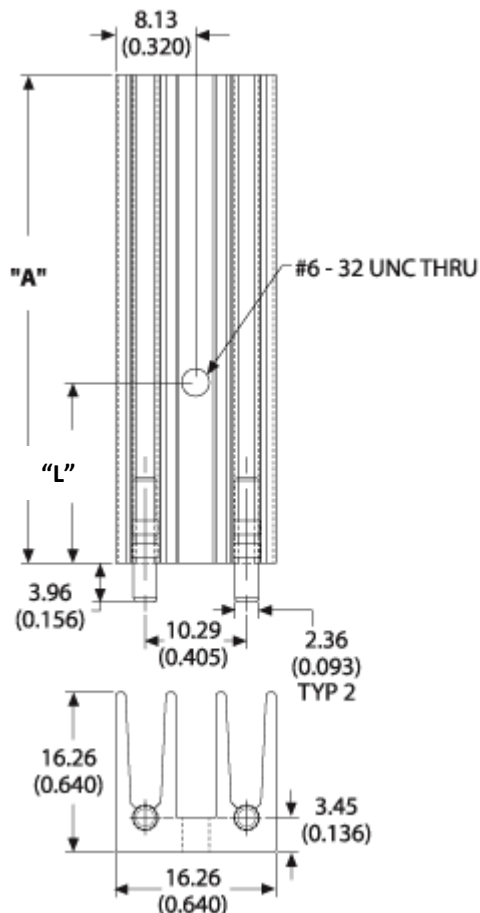
| Part Number   | "A" Dim | "L" Dim | "X" Dim      | "Y" Dim      | "Z" Dim      |
|---------------|---------|---------|--------------|--------------|--------------|
| 581002B02500G | 25.40   | 18.29   | 5.16 (0.203) | 3.45 (0.136) | 2.67 (0.105) |
| 581101B02500G | 38.10   | 21.59   | 5.16 (0.203) | 3.45 (0.136) | 2.67 (0.105) |
| 581102B02100G | 38.10   | -       | 5.16 (0.203) | 3.45 (0.136) | 3.10 (0.122) |
| 581102B02500G | 38.10   | 18.29   | 5.16 (0.203) | 3.45 (0.136) | 2.67 (0.105) |
| 581202B02500G | 50.88   | 18.29   | 5.16 (0.203) | 3.45 (0.136) | 2.67 (0.105) |

Part Number: 581102B02100G

Part Number: 581202B02500G



Part Number: 581002B02500G, 581101B02500G,  
581102B02500G



Mounting Details:

