

date 08/05/2022

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## MODEL: HSE10-B20-NP | DESCRIPTION: HEAT SINK

#### **FEATURES**

- TO-220 or TO-218 package
- bolt on attachment
- aluminum alloy





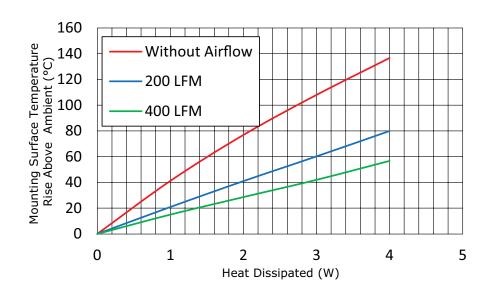
thermal resistance<sup>1</sup> power **MODEL** dissipation<sup>1</sup> @ 75°C ∆T, nat @ 1 W, @ 1 W, @ 75°C ∆T, nat @ 1W, 400 LFM conv (°C/W) 200 LFM nat conv conv  $(^{\circ}C/W)$ (°C/W) (°C/W) (W) HSE10-B20-NP 41.2 20.9 15.0 1.95 38.45

1. See performance curves for full thermal resistance details.

### PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient ( $\Delta T$ = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	41.2	20.9	15.0
2	76.9	41.0	28.6
3	108.0	60.2	42.0
4	136.7	79.9	56.7

Ths: "hot spot" temperature measured on the heatsink Ta: ambient temperature

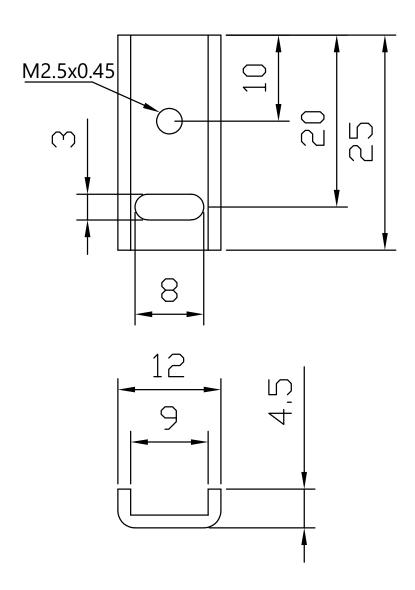


# **MECHANICAL DRAWING**

units: mm

tolerance: ±0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.5 mm
WEIGHT	1.7 g



### **REVISION HISTORY**

rev.	description	date
1.0	initial release	04/22/2022
1.01	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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