

MODEL: HSE12-B20-NP | DESCRIPTION: HEAT SINK

FEATURES

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





MODEL	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	© 75°C ∆T, nat conv (W)
HSE12-B2O-NP	38.75	41.6	19.2	13.8	1.94

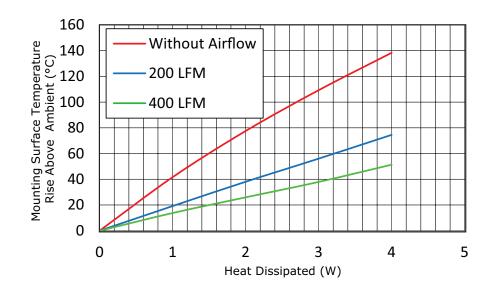
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)				
Power (W)	Natural Conv.	200 LFM	400 LFM		
0	O	O	0		
1	41.6	19.2	13.8		
2	77.5	38.1	26.0		
З	109.2	56.1	38.0		
4	138.3	74.6	51.4		

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

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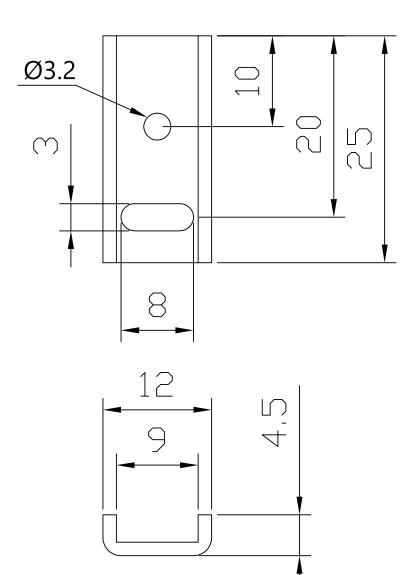
MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

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MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.5 mm
WEIGHT	2.1 g

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REVISION HISTORY

rev.	description	date
1.0	initial release	04/20/2022
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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