

**MODEL:** HSS21-B20-P53 | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 or TO-218 package
- solder pin
- aluminum alloy

**MODEL**

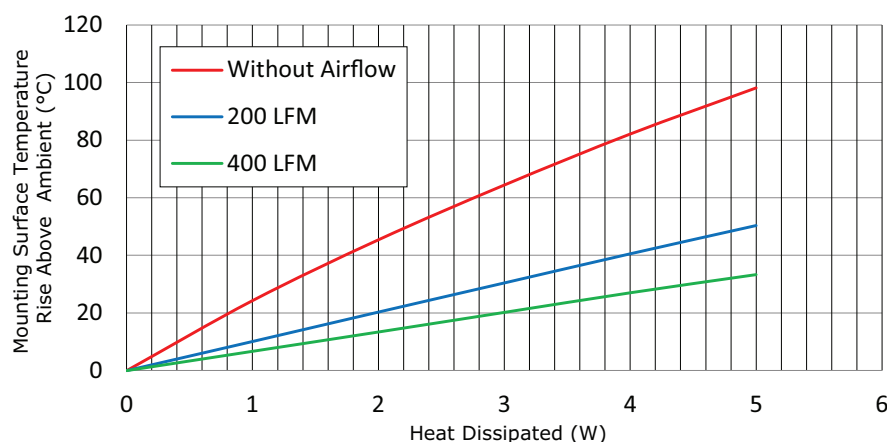
MODEL	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv (W)
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	
HSS21-B20-P53	20.93	24.3	10.1	6.7	3.58

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	24.3	10.1	6.7
2	45.4	20.3	13.4
3	64.4	30.4	20.2
4	82.1	40.5	27.0
5	98.1	50.3	33.3

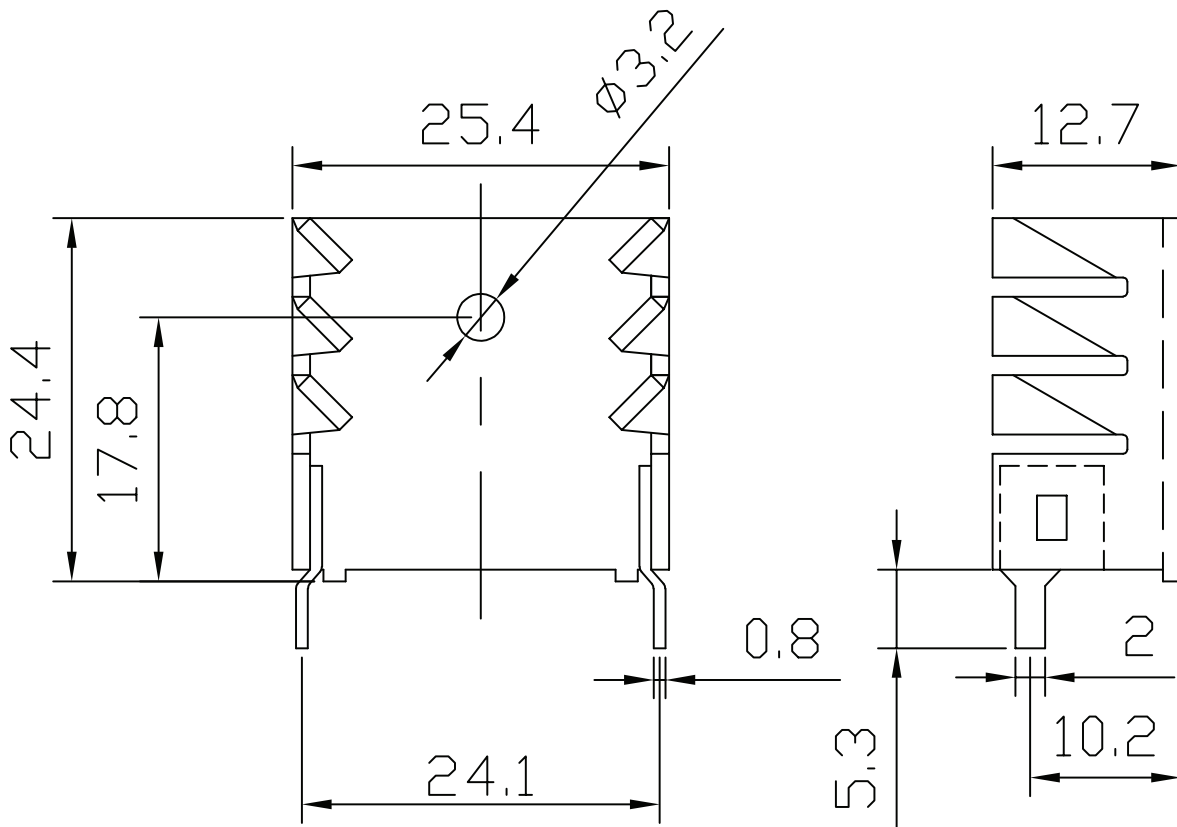
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	4.6 g



## REVISION HISTORY

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rev.	description	date
1.0	initial release	04/22/2022

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

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# CUI DEVICES

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