

## MODEL: HSS27-B20-P43 | DESCRIPTION: HEAT SINK

### FEATURES

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



### MODEL

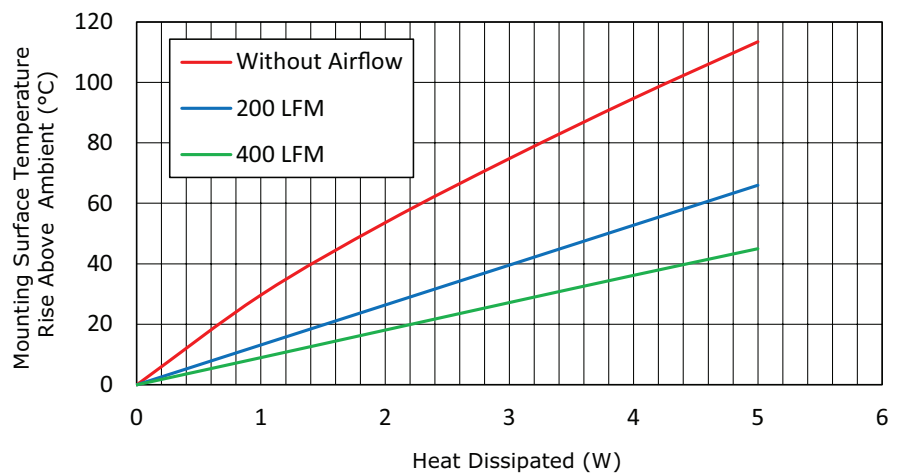
	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv (W)
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	
HSS27-B20-P43	24.79	29.7	13.2	9.0	3.03

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	29.7	13.2	9.0
2	53.6	26.4	18.1
3	74.8	39.6	27.2
4	94.7	52.8	36.2
5	113.4	66.0	45.0

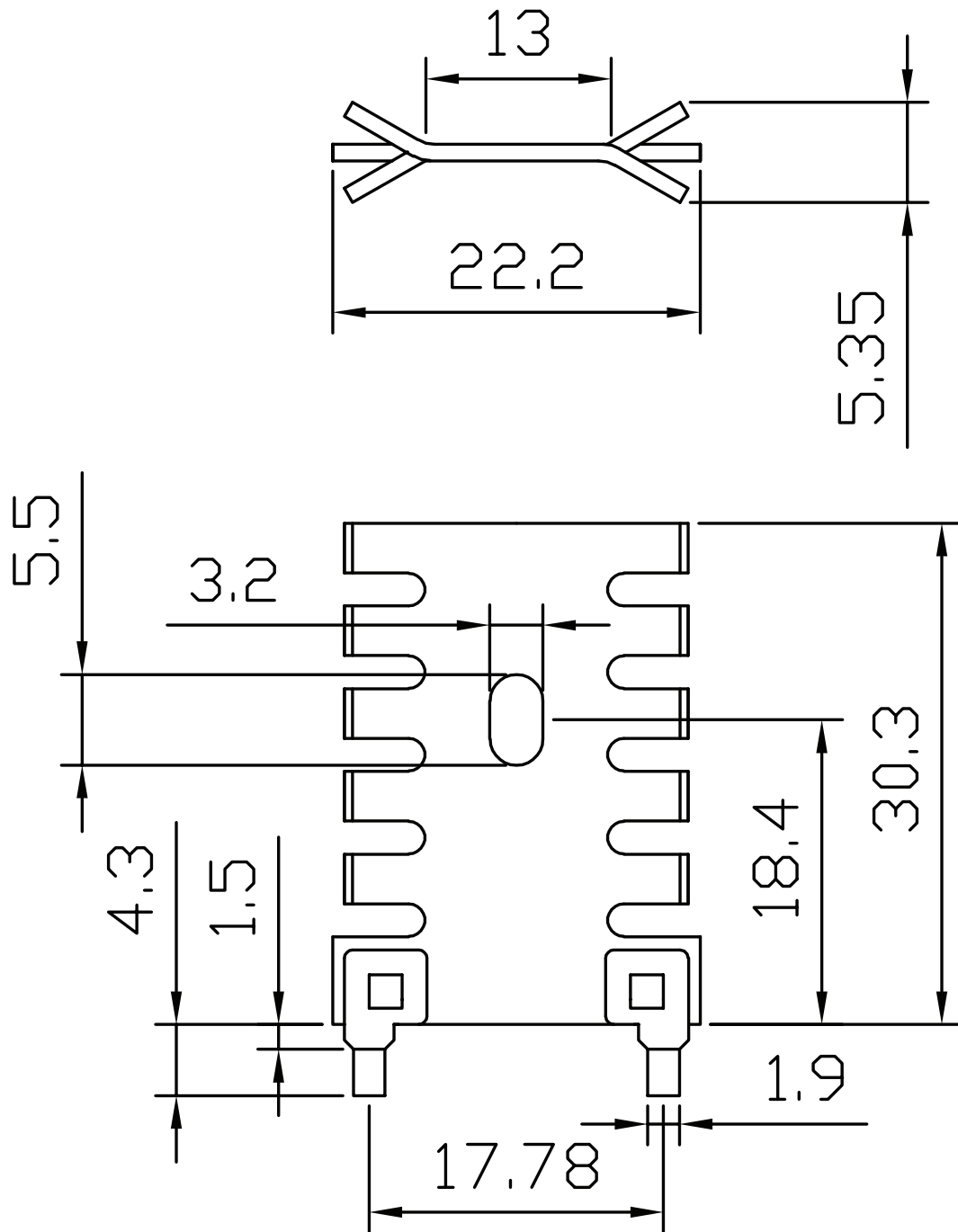
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.0 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	2.2 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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