

MODEL: HSS24-B20-NP | DESCRIPTION: HEAT SINK

FEATURES

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



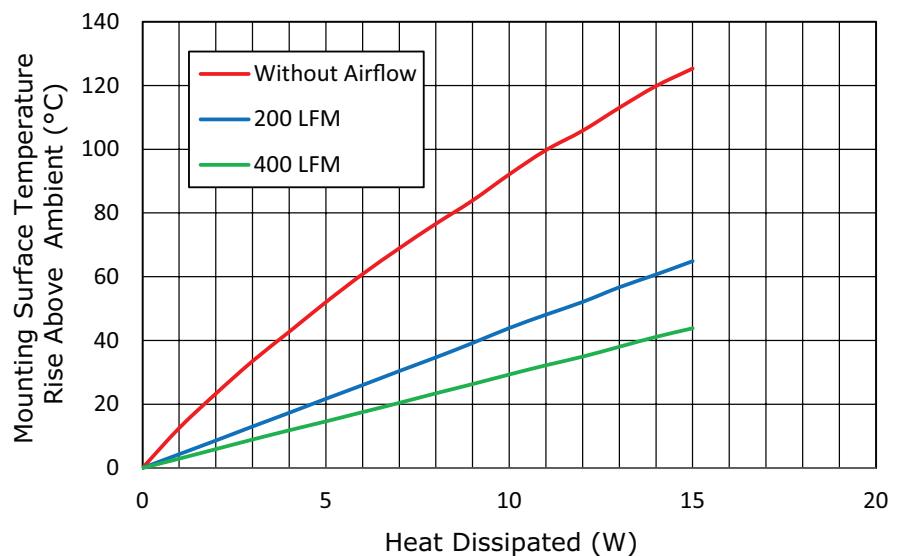
MODEL

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 ΔT, nat conv (W)
HSS24-B20-NP	9.56	12.5	4.3	2.9	7.85

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

PERFORMANCE CURVES

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	12.5	4.3	2.9
2	23.3	8.6	5.9
3	33.5	13.0	8.9
4	42.7	17.3	11.8
5	52.0	21.7	14.6
6	60.8	26.0	17.5
7	68.9	30.4	20.4
8	76.6	34.7	23.4
9	83.9	39.2	26.3
10	92.1	43.9	29.3
11	99.7	48.1	32.2
12	105.8	52.1	34.9
13	113.0	56.7	38.0
14	119.8	60.7	41.1
15	125.3	64.9	43.8

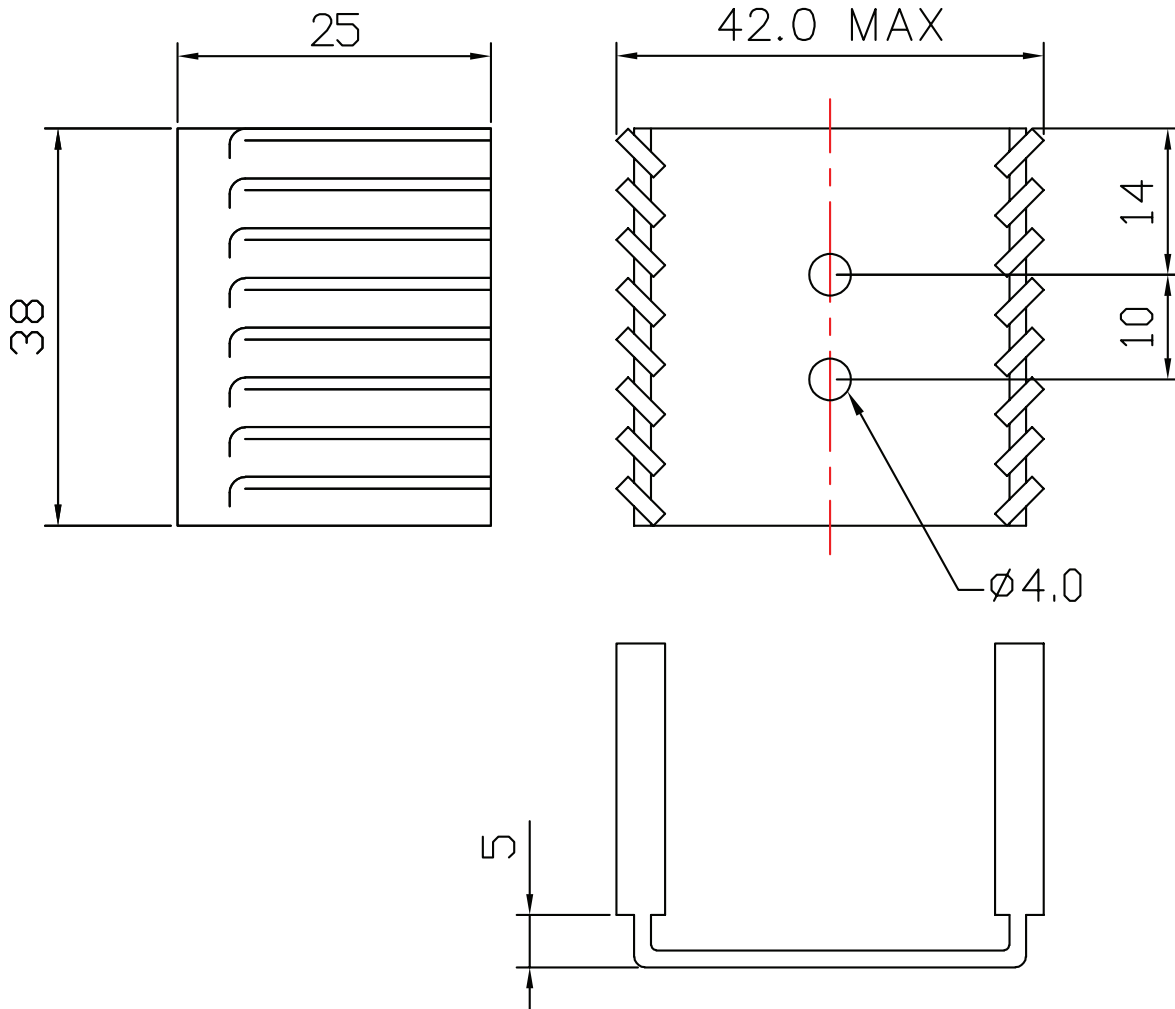


T_{hs}: "hot spot" temperature measured on the heatsink
 T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.5 mm
WEIGHT	15.8 g



REVISION HISTORY

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.

CUI DEVICES

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