MODEL: HSS01-B20-CP | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- clip on
- aluminum alloy
- black anodized finish

RoHS

MODEL

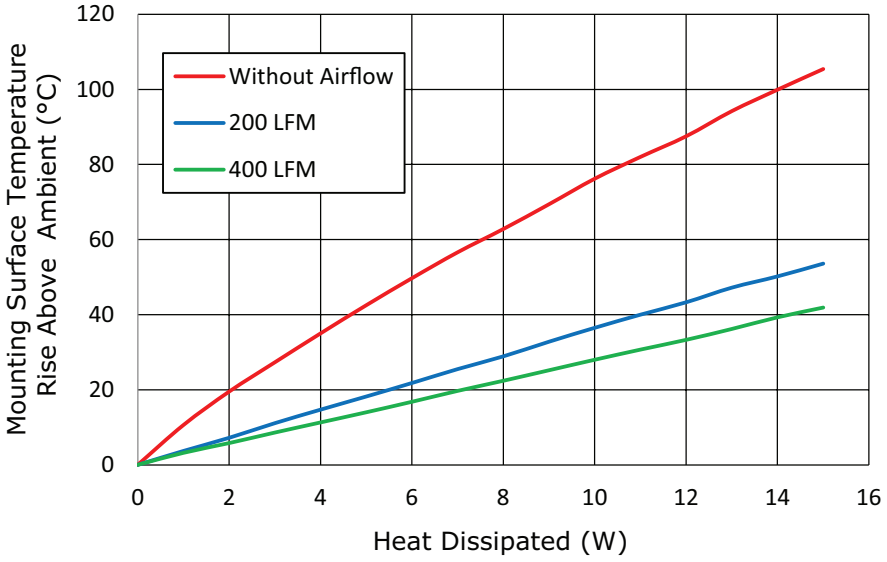
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS01-B20-CP	7.59	10.6	3.7	3.2	9.89

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	0	0	0
1	10.6	3.7	3.2
2	19.5	7.2	5.8
3	27.3	11.1	8.6
4	35.0	14.7	11.3
5	42.5	18.2	14.0
6	49.7	21.8	16.8
7	56.6	25.5	19.7
8	62.8	28.9	22.4
9	69.4	32.8	25.2
10	76.2	36.5	28.0
11	82.0	40.0	30.7
12	87.5	43.3	33.3
13	94.2	47.2	36.2
14	99.9	50.2	39.3
15	105.4	53.6	41.9

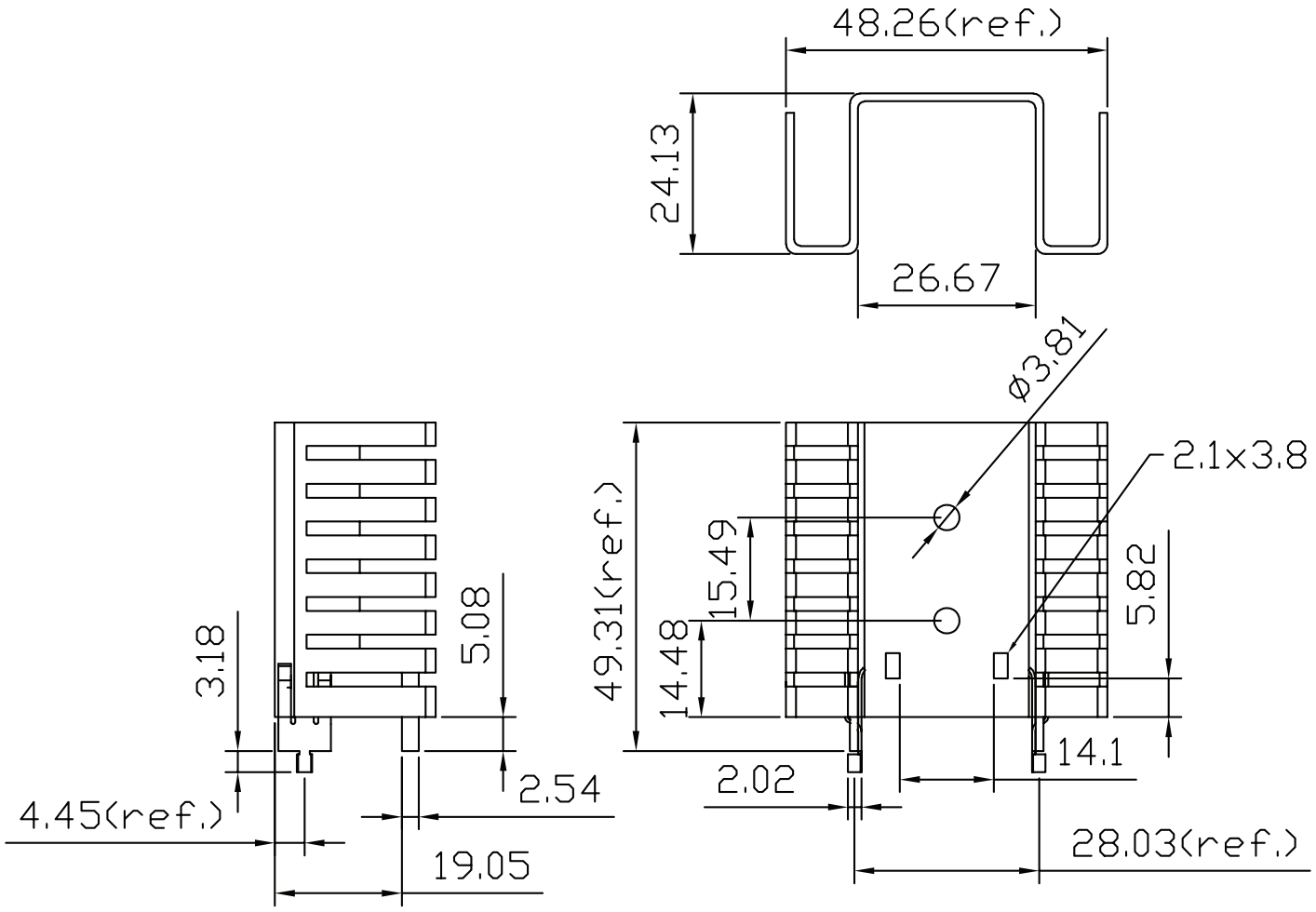
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	phosphor bronze
PIN PLATING	2~3 µm tin
WEIGHT	16.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022

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