3D Model



Additional Resources: Product Page

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

## **FEATURES**

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





HSS01-B20-CP

thermal resistance1 power dissipation<sup>1</sup> @ 75°C ∆T, nat @ 1 W, @ 75°C ∆T, nat @ 1 W, @ 1W, 400 LFM conv (°C/W) nat conv 200 LFM conv (°C/W)  $(^{\circ}C/W)$ (°C/W) (W)

7.59

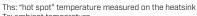
10.6

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

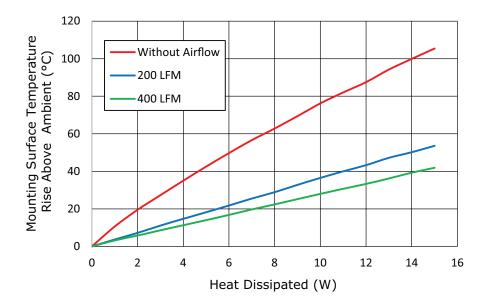
DEDECORMANCE CURVES

٢	CHI	CHIVIA	ANCE	CUR	VE3

	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	



Ta: ambient temperature



3.7

3.2

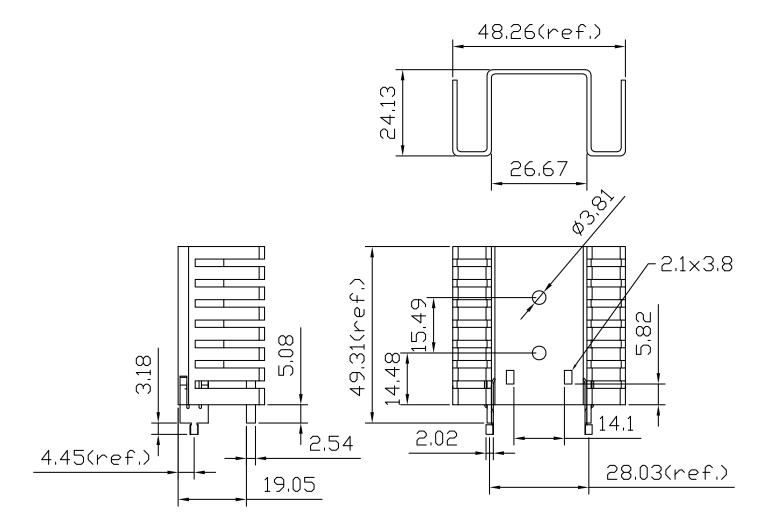
9.89

## **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



Additional Resources: Product Page | 3D Model

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

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## **REVISION HISTORY**

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024

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



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.