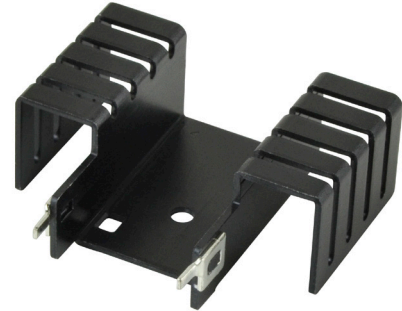


**MODEL:** HSS-B20-05H | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 package
- round hole component attachment
- solder pins for secure PCB mounting
- black anodized finish

**MODEL**

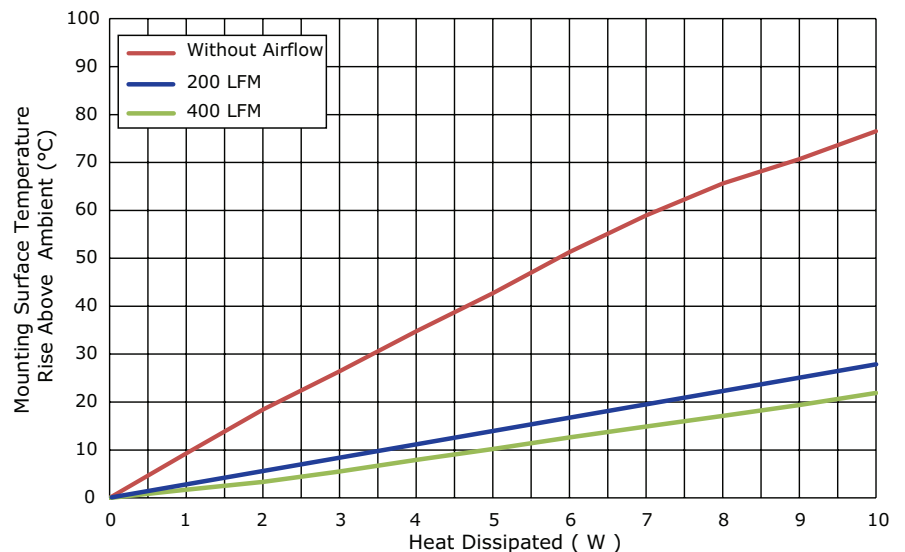
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT , nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT , nat conv [W]
HSS-B20-05H	7.65	9.28	2.01	1.71	9.80

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	9.28	2.01	1.71
2	18.40	4.86	3.36
3	26.40	7.67	5.49
4	34.76	10.40	7.93
5	42.69	13.54	10.18
6	51.31	16.36	12.60
7	58.97	19.19	14.87
8	65.64	22.01	17.14
9	70.68	24.88	19.38
10	76.52	27.89	21.89

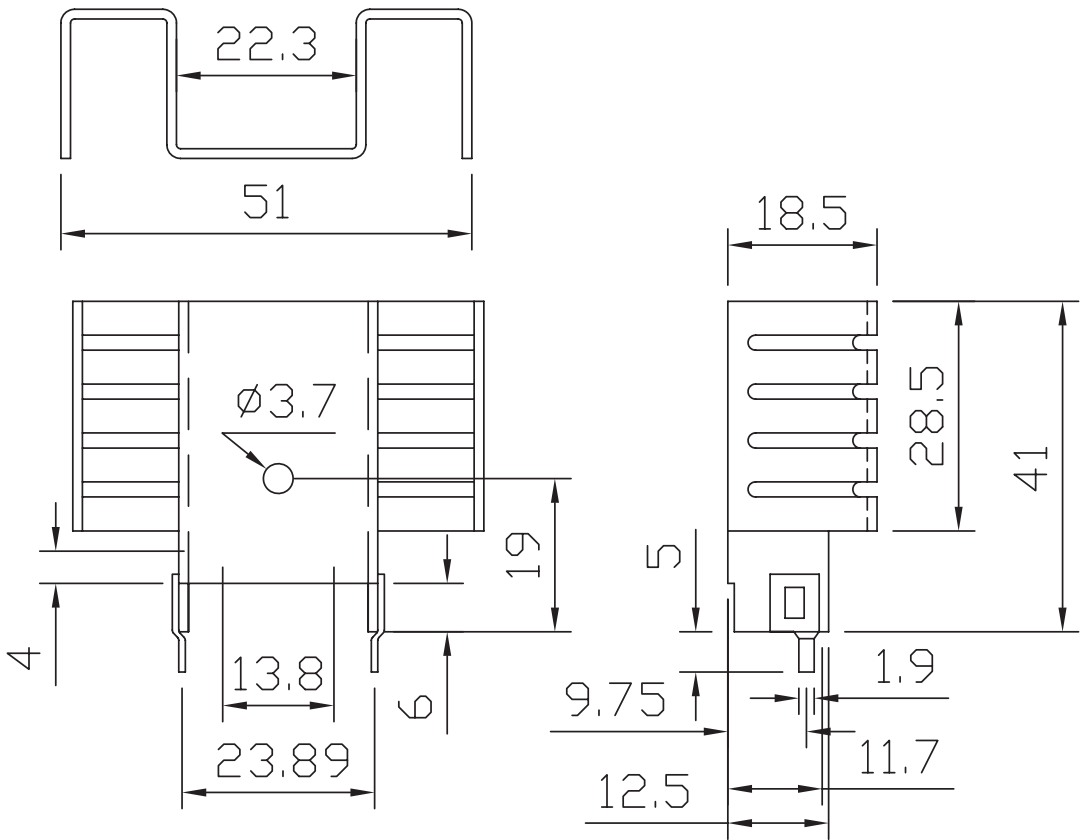
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	12.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/03/2017
1.01	brand update	02/12/2020
1.02	logo, datasheet style update	08/05/2022
1.03	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.

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