

MODEL: HSS14-B20-NP | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- slide in attachment
- aluminum alloy
- black anodized finish



MODEL

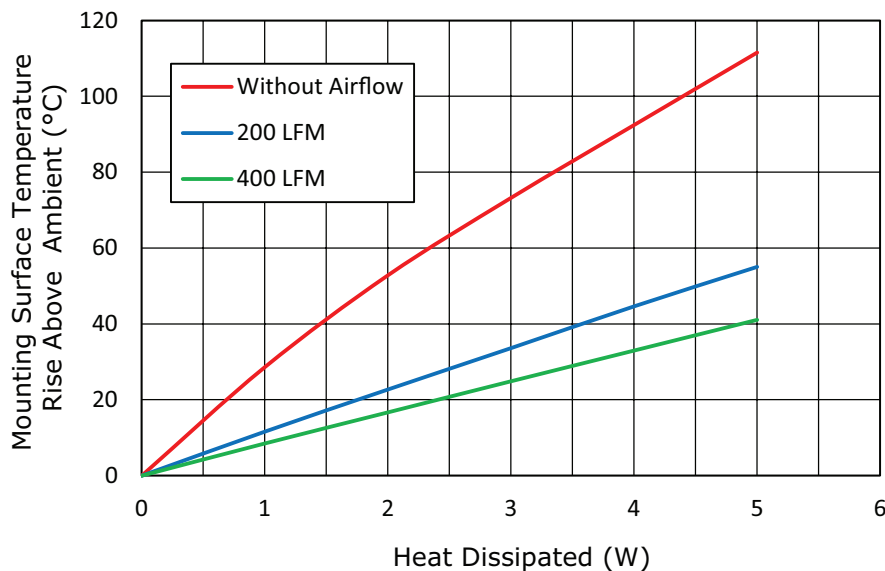
	thermal resistance ¹				power dissipation ¹ @ 75°C ΔT, nat conv [W]
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	
HSS14-B20-NP	23.90	28.6	11.6	8.5	3.14

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	28.6	11.6	8.5
2	52.8	22.7	16.7
3	73.2	33.6	24.9
4	92.4	44.6	33.0
5	111.5	55.0	41.1

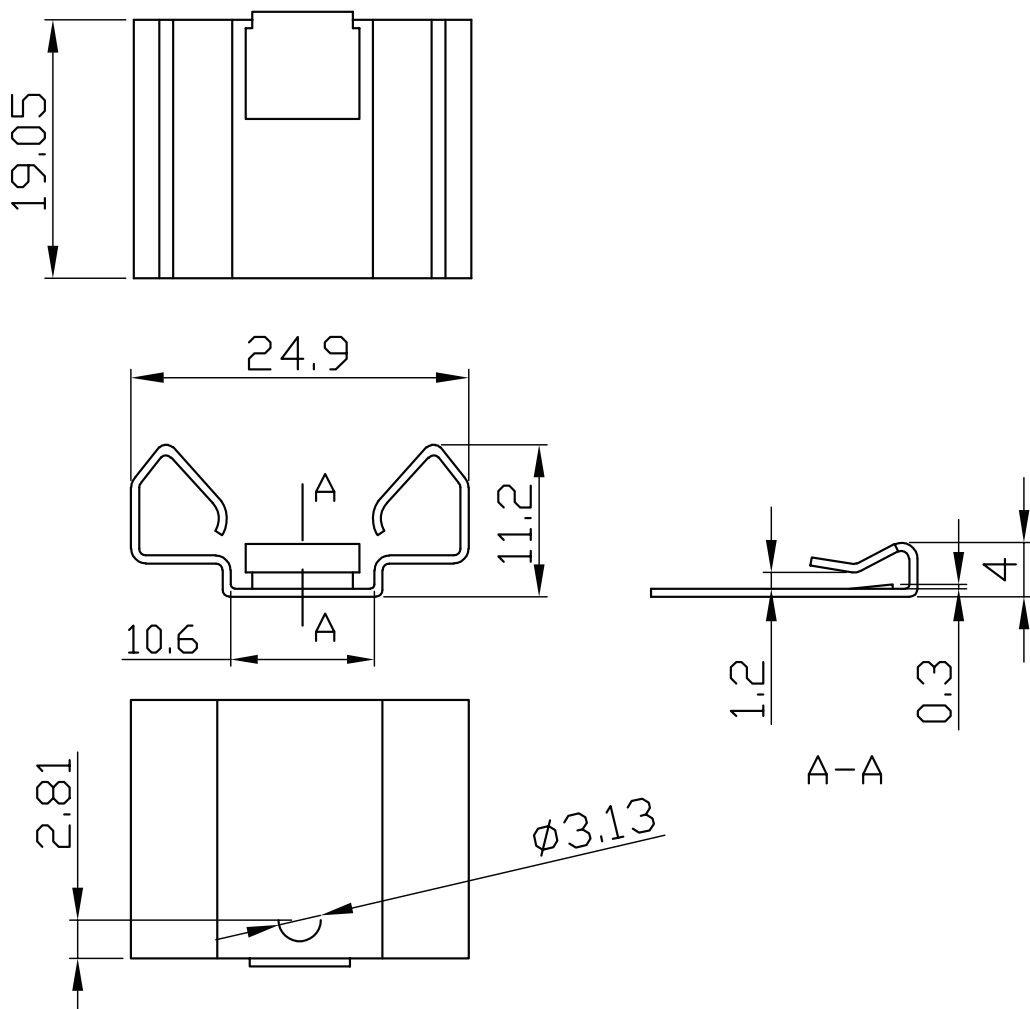
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.25 mm

MATERIAL	AL 5052
FINISH	black anodized
THICKNESS	0.6 mm
WEIGHT	2.1 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/28/2021
1.01	logo, datasheet style update	08/05/2022

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



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

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