



MODEL: HSS19-B20-NP | DESCRIPTION: HEAT SINK

FEATURES

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



MODEL

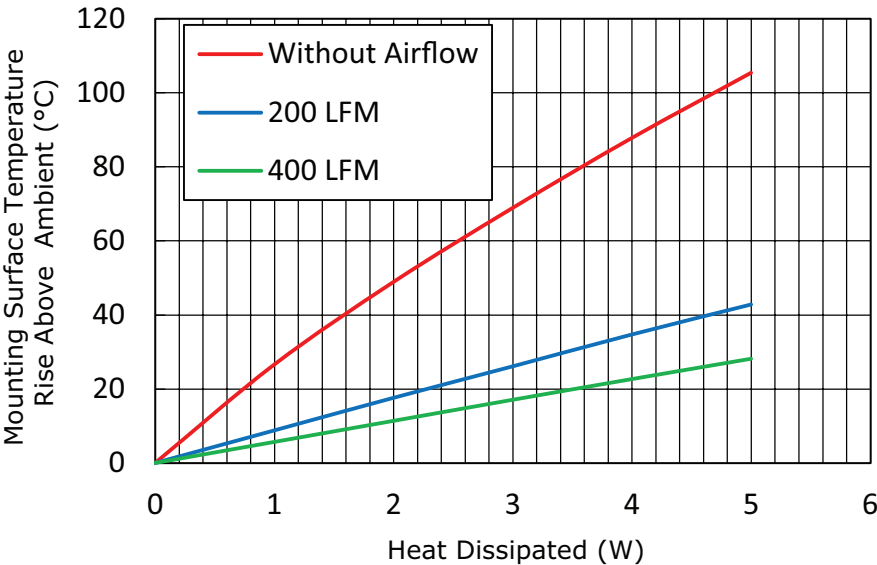
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT, nat conv [W]
HSS19-B20-NP	22.39	26.6	8.8	5.7	3.35

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	26.6	8.8	5.7
2	48.9	17.6	11.4
3	68.9	26.1	17.1
4	87.8	34.7	22.7
5	105.4	42.8	28.2

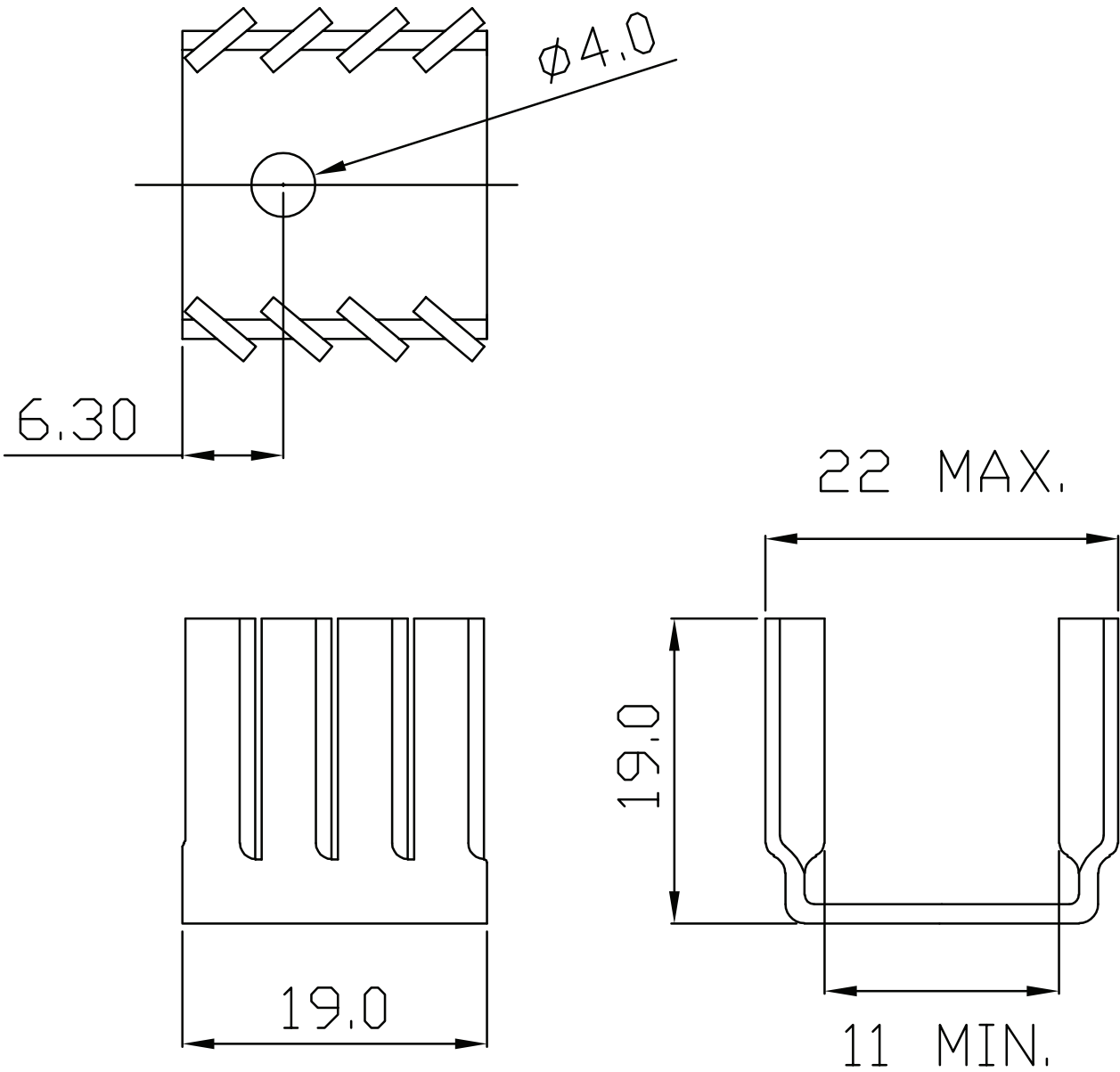
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.5 mm
WEIGHT	4.3 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/18/2022
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.

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