



MODEL: HSS-B20-NP-13 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- round hole for component attachment
- low profile design
- black anodized finish



MODEL

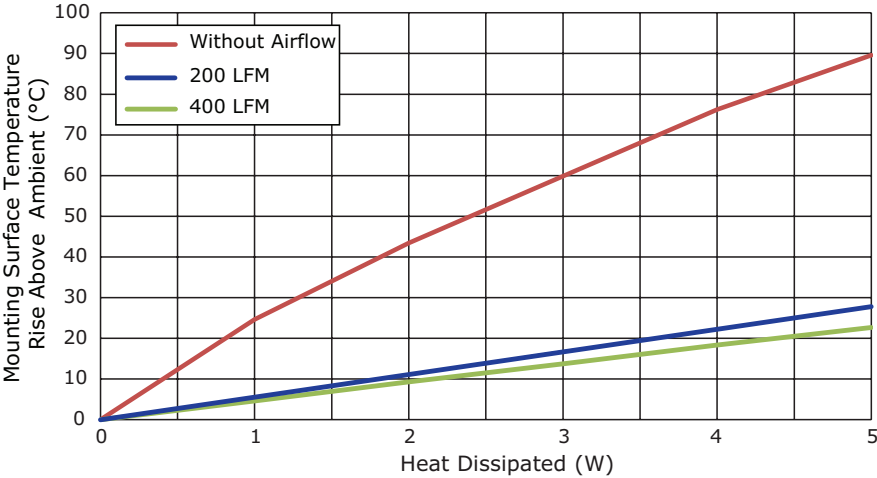
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT, nat conv [W]
HSS-B20-NP-13	19.22	24.62	5.88	4.58	3.90

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	24.62	5.88	4.58
2	43.44	11.42	9.32
3	59.88	17.13	13.74
4	76.23	22.27	18.34
5	89.60	27.80	22.64

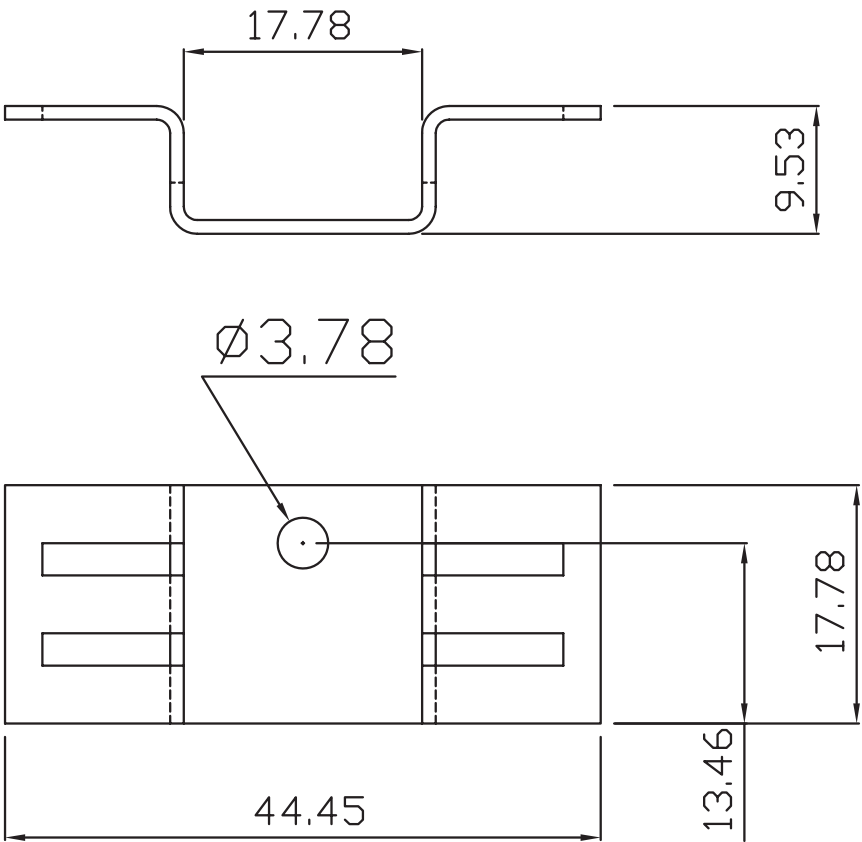
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	0.8 mm
WEIGHT	3.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	03/30/2017
1.01	brand update	02/13/2020
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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