

**MODEL:** HSS13-B20-NP | **DESCRIPTION:** HEAT SINK**FEATURES**

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

**MODEL**

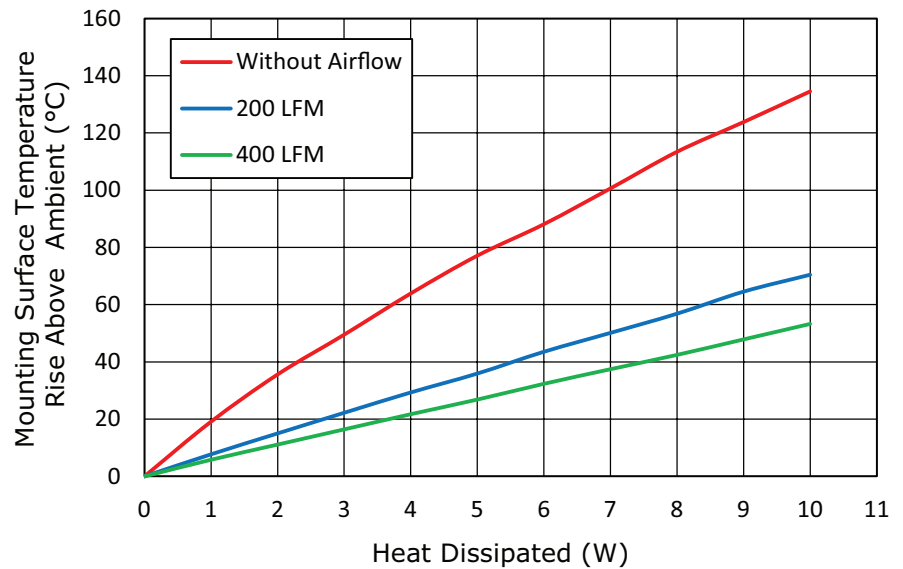
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT , nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT , nat conv [W]
HSS13-B20-NP	15.50	19.1	7.7	5.8	4.84

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	19.1	7.7	5.8
2	35.6	15.0	11.1
3	49.5	22.2	16.4
4	63.9	29.3	21.7
5	77.1	35.9	26.8
6	88.1	43.5	32.3
7	100.6	50.1	37.4
8	113.4	56.8	42.4
9	123.8	64.5	47.8
10	134.5	70.4	53.2

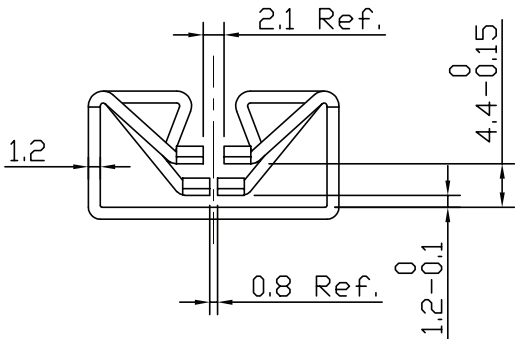
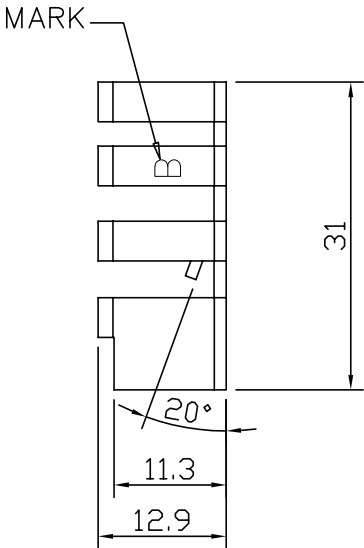
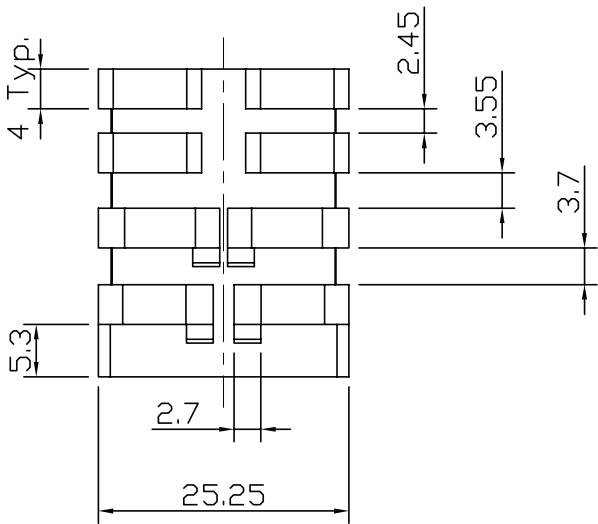
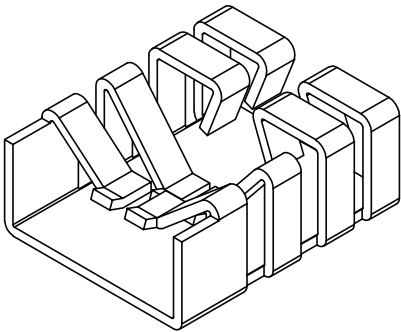
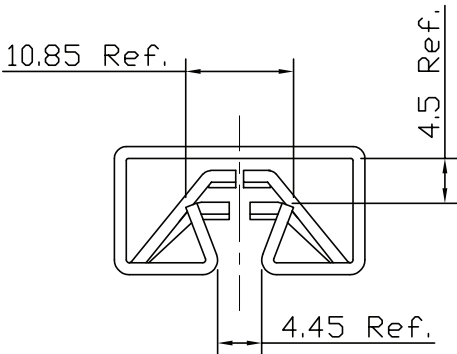
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 5052
FINISH	black anodized
THICKNESS	1.2 mm
WEIGHT	6.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/25/2021
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.

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