CUI Devices is now Same Sky! Learn More

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MODEL: HSS08-B18-CP | DESCRIPTION: HEAT SINK

FEATURES

- TO-218 package
- clip on
- aluminum alloy
- black anodized finish



RoHS

MODEL

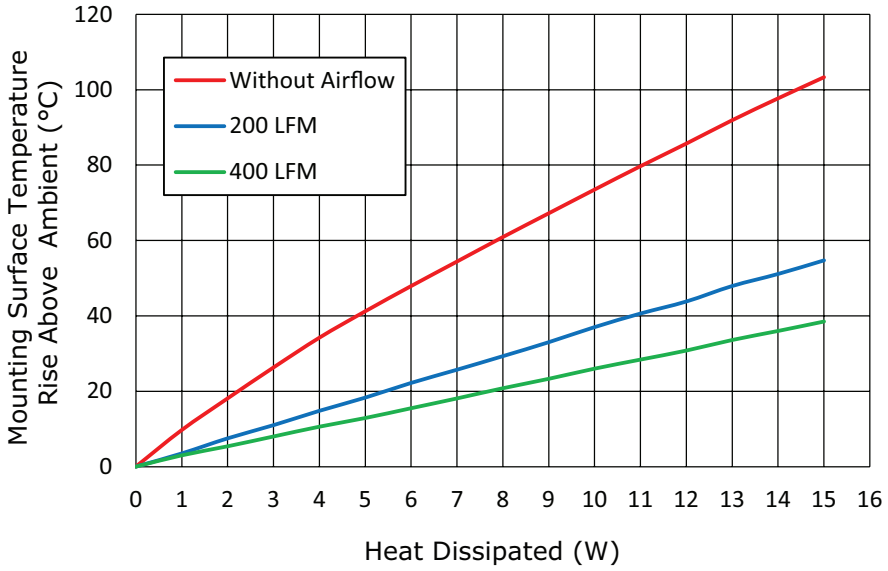
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSS08-B18-CP	7.29	9.7	3.5	3.0	10.29

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

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	9.7	3.5	3.0
2	18.1	7.5	5.4
3	26.3	11.0	8.0
4	34.2	14.8	10.6
5	41.2	18.3	12.9
6	47.9	22.2	15.5
7	54.4	25.7	18.1
8	60.9	29.3	20.8
9	67.2	33.0	23.3
10	73.5	37.0	26.0
11	79.7	40.6	28.4
12	85.7	43.8	30.8
13	91.9	47.9	33.6
14	97.7	51.1	36.0
15	103.3	54.7	38.5

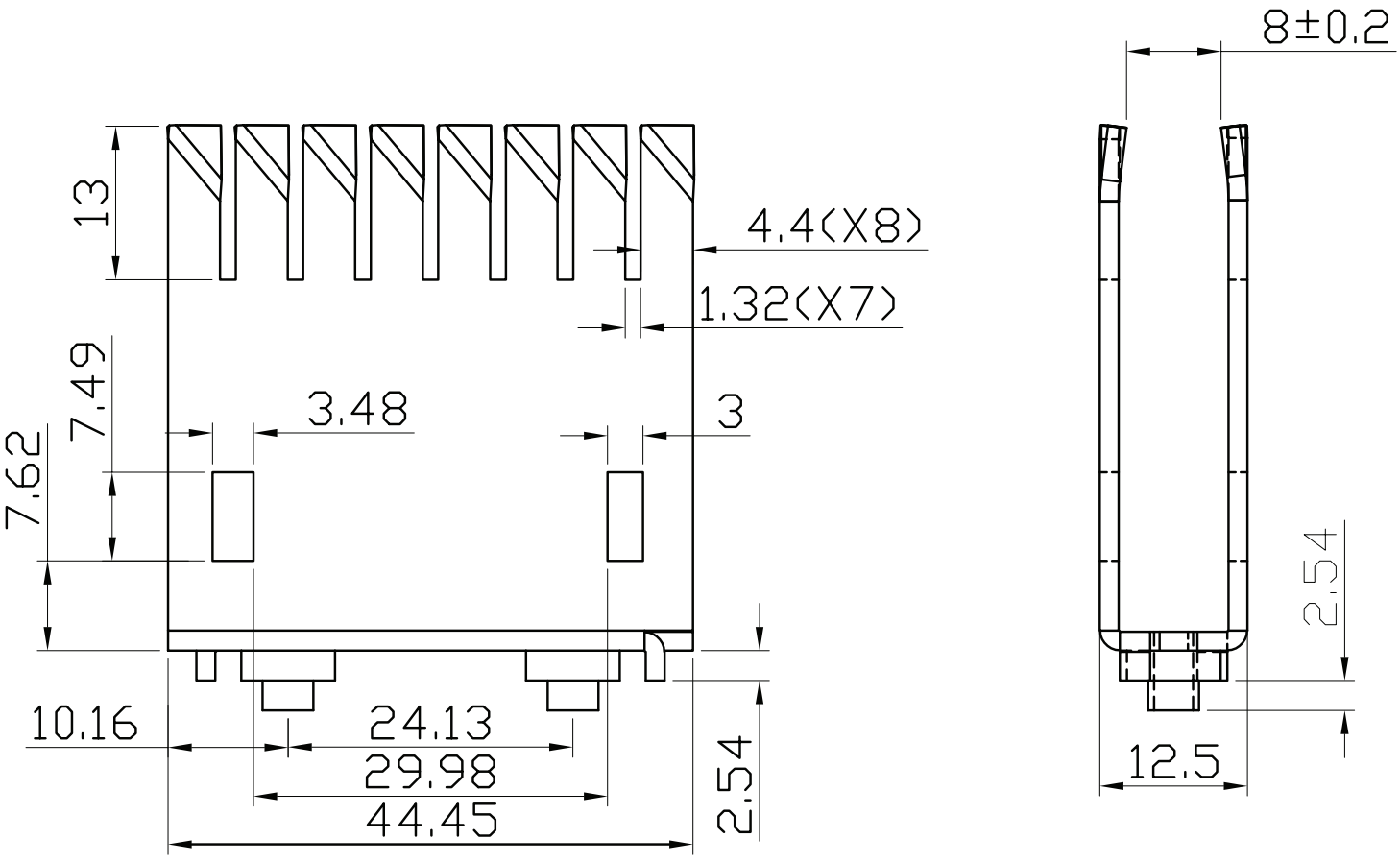
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.6 mm
PIN MATERIAL	brass
PIN PLATING	2~3 µm tin
WEIGHT	19.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/28/2021
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.

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

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Same Sky:

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