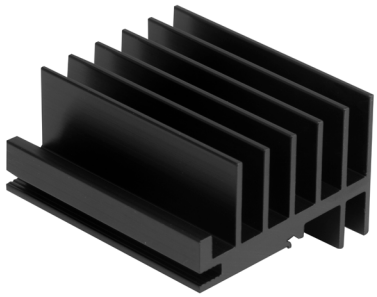
CUI Devices is now Same Sky! Learn More

MODEL: HSE06-503045 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 or TO-218 package
- use clip HSC-07 for TO-218
- use clip HSC-08 for TO-220
- aluminum alloy



RoHS

MODEL

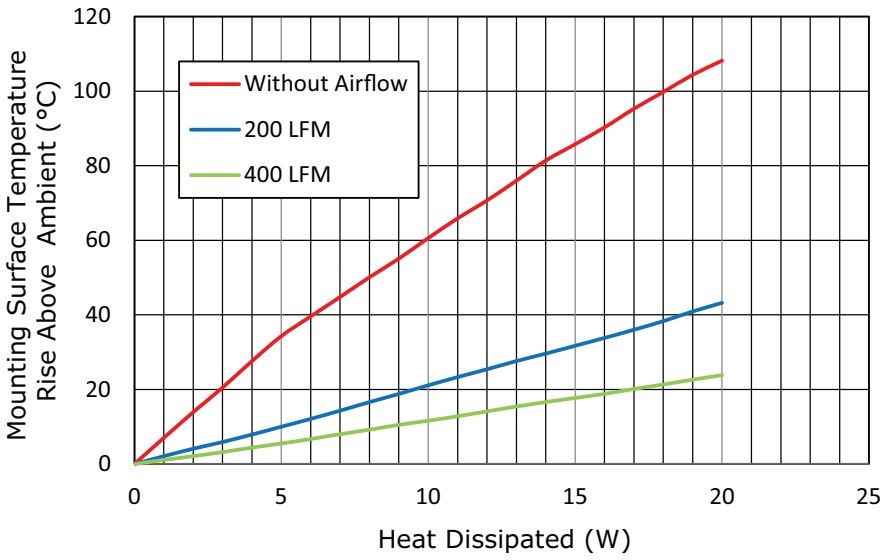
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSE06-503045	5.86	7.0	2.1	1.1	12.79

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

PERFORMANCE CURVES

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	7.0	2.1	1.1
2	13.9	4.1	2.1
3	20.5	5.9	3.2
4	27.6	7.9	4.4
5	34.3	10.0	5.5
6	39.6	12.1	6.7
7	44.8	14.3	8.0
8	50.1	16.6	9.2
9	55.1	18.8	10.5
10	60.6	21.1	11.6
11	65.9	23.3	12.8
12	70.7	25.4	14.1
13	76.0	27.6	15.4
14	81.4	29.6	16.6
15	85.8	31.7	17.7
16	90.3	33.8	18.8
17	95.3	36.0	20.1
18	99.8	38.3	21.3
19	104.4	40.9	22.6
20	108.2	43.2	23.8

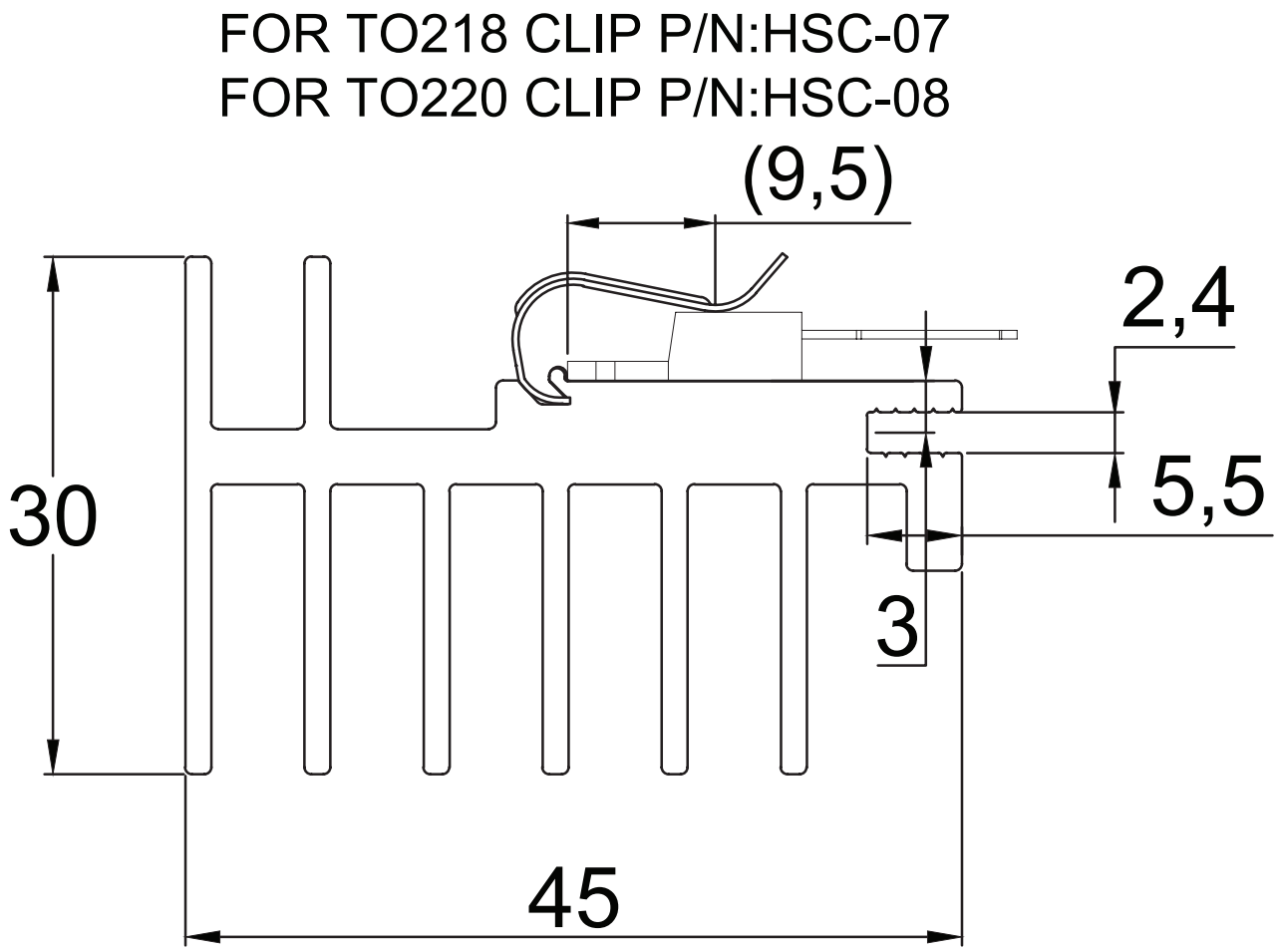
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	53.3 g
LENGTH	50 mm



REVISION HISTORY

rev.	description	date
1.0	initial release	04/22/2022
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

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

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