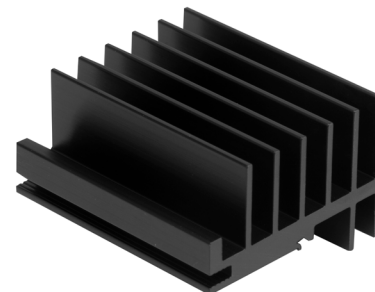




MODEL: HSE07-753045 | DESCRIPTION: HEAT SINK

FEATURES

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



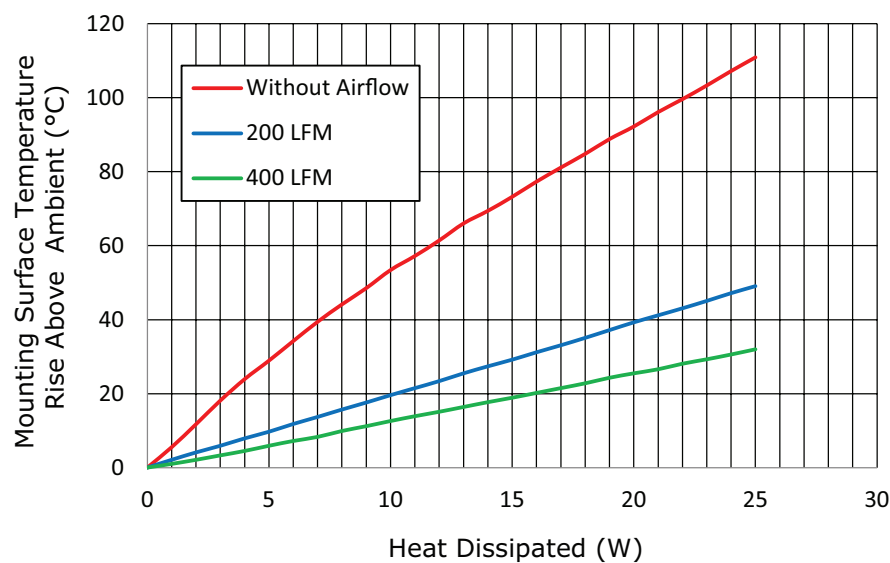
MODEL

HSE07-753045	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]
	4.85	5.5	2.1	1.0	15.46

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	5.5	2.1	1.0
3	18.1	5.9	3.3
5	28.9	9.7	5.9
7	39.4	13.7	8.3
9	48.5	17.6	11.2
11	57.2	21.5	13.9
13	66.0	25.5	16.4
15	73.2	29.2	18.9
17	81.1	33.1	21.5
19	88.8	37.2	24.3
21	96.1	41.2	26.6
23	103.3	45.1	29.3
25	110.9	49.1	32.0



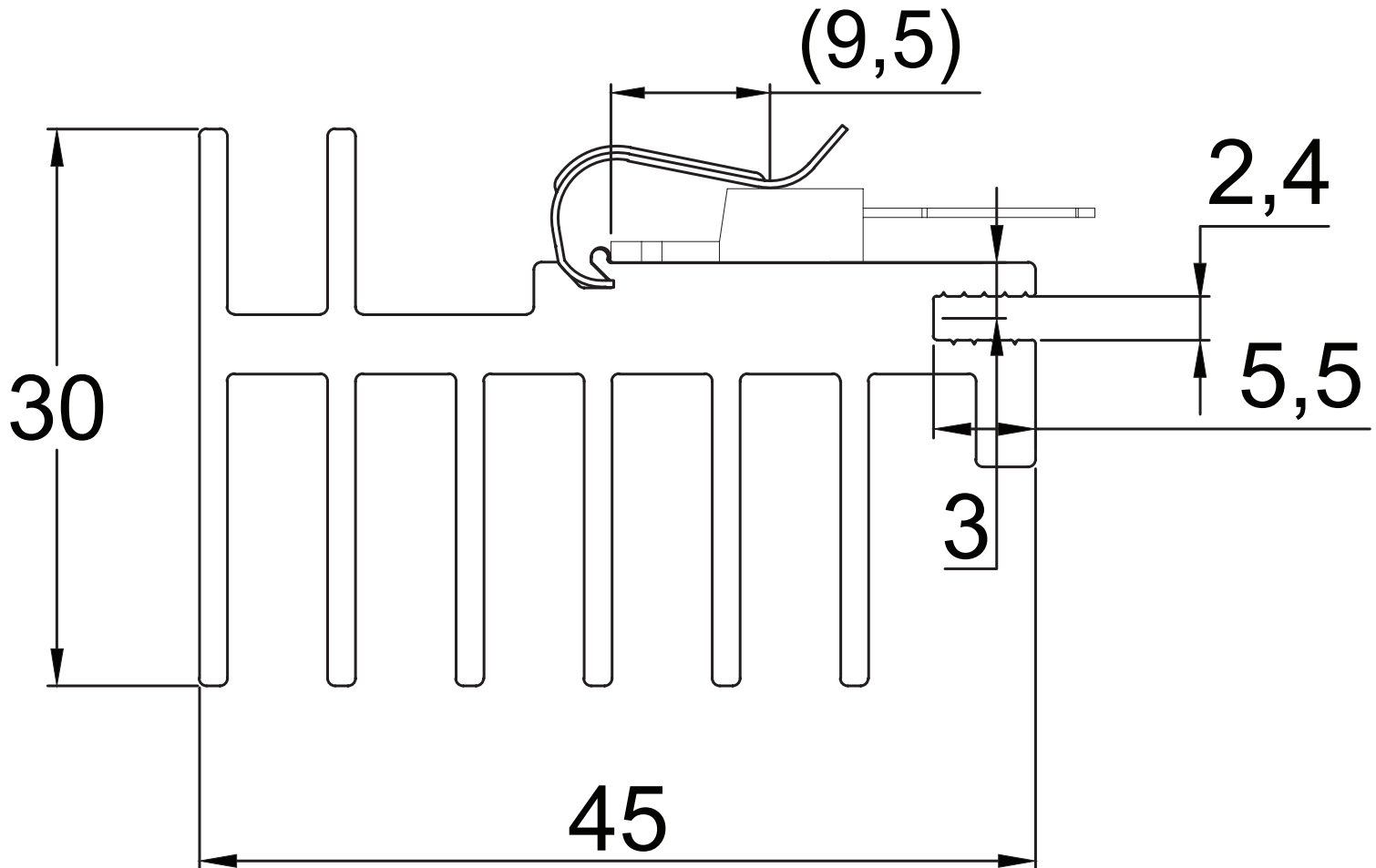
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	90.0 g
LENGTH	75 mm

FOR TO218 CLIP P/N:HSC-07
FOR TO220 CLIP P/N:HSC-08



REVISION HISTORY

rev.	description	date
1.0	initial release	04/22/2022
1.01	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



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

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