

date 08/05/2022

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MODEL: HSE08-505028 | 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



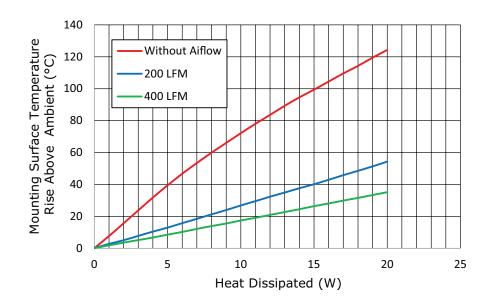


thermal resistance¹ power **MODEL** dissipation¹ @ 75°C ∆T, nat @ 1 W, @ 1 W, @ 75°C ∆T, nat @ 1 W, 400 LFM conv (°C/W) 200 LFM nat conv conv $(^{\circ}C/W)$ (°C/W) (°C/W) (W) 7.13 7.6 2.7 1.8 10.53 HSE08-505028

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	7.6	2.7	1.8
2	15.6	5.0	3.5
3	23.7	7.7	5.1
4	31.8	10.4	6.7
5	39.4	12.9	8.5
6	46.7	15.7	10.2
7	53.4	18.4	12.1
8	59.9	21.2	13.9
9	66.0	23.9	15.5
10	72.1	26.8	17.4
11	78.0	29.5	19.1
12	83.6	32.3	20.9
13	89.3	34.9	22.7
14	94.6	37.6	24.5
15	99.4	40.1	26.4
16	104.5	42.9	28.1
17	109.6	45.8	29.9
18	114.3	48.5	31.6
19	119.5	51.3	33.4
20	124.3	54.3	35.2



Ths: "hot spot" temperature measured on the heatsink

Ta: ambient temperature

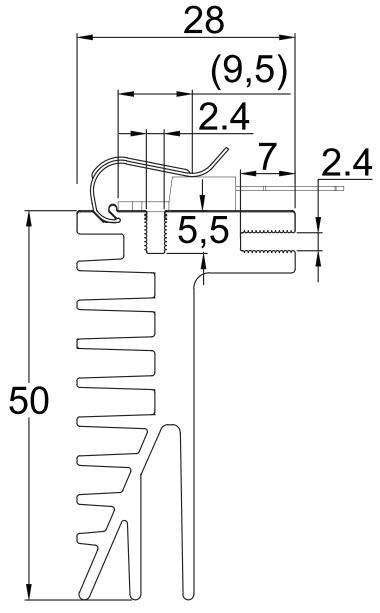
MECHANICAL DRAWING

units: mm

tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	90.0 g
LENGTH	50 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.



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