

power

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



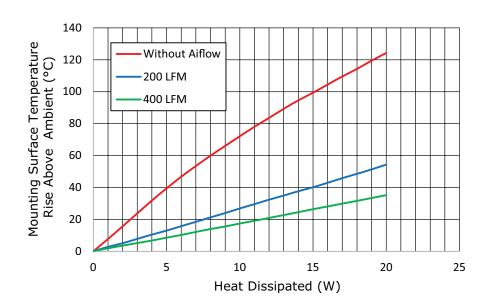
ROHS		
MODEL		

	@ 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)	dissipation' @ 75°C ∆T, nat conv (W)
HSE08-505028	7.13	7.6	2.7	1.8	10.53

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	



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thermal resistance¹

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

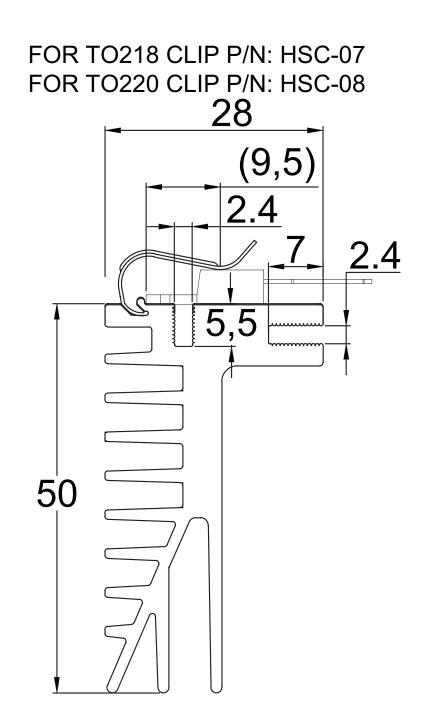
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MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

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MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	90.0 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

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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