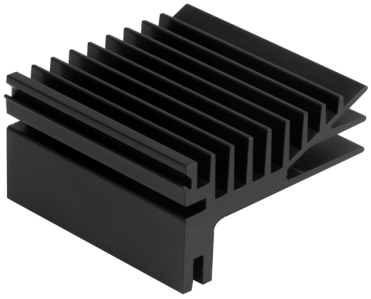
MODEL: HSE09-755028 | DESCRIPTION: HEAT SINK

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

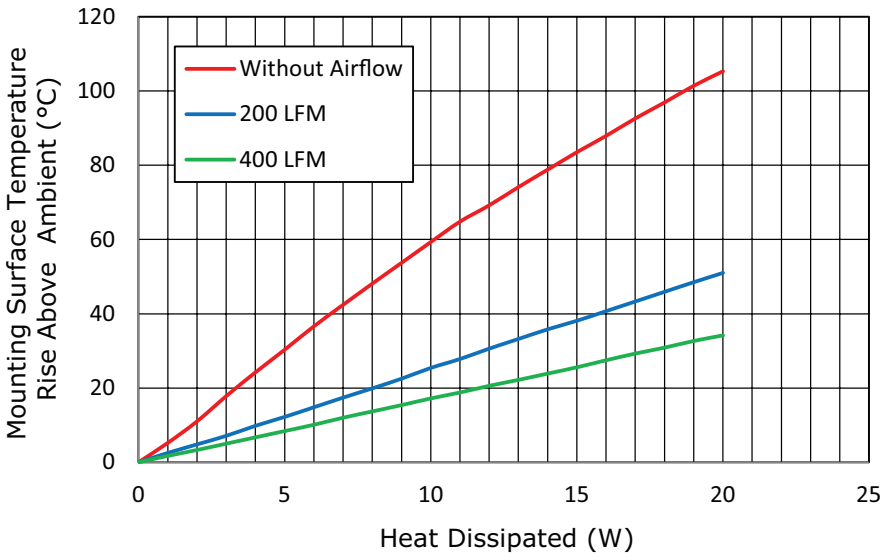
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSE09-755028	5.66	5.2	2.5	1.7	13.26

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	5.2	2.5	1.7
2	11.0	4.8	3.3
3	17.8	7.1	5.0
4	24.2	9.8	6.7
5	30.3	12.2	8.4
6	36.6	14.8	10.1
7	42.4	17.4	12.0
8	48.1	19.9	13.7
9	53.7	22.5	15.4
10	59.3	25.4	17.2
11	64.8	27.8	18.8
12	69.2	30.6	20.6
13	74.1	33.2	22.2
14	78.8	35.8	23.9
15	83.5	38.1	25.6
16	87.9	40.7	27.5
17	92.6	43.3	29.3
18	96.9	45.9	30.9
19	101.4	48.5	32.7
20	105.3	51.0	34.2

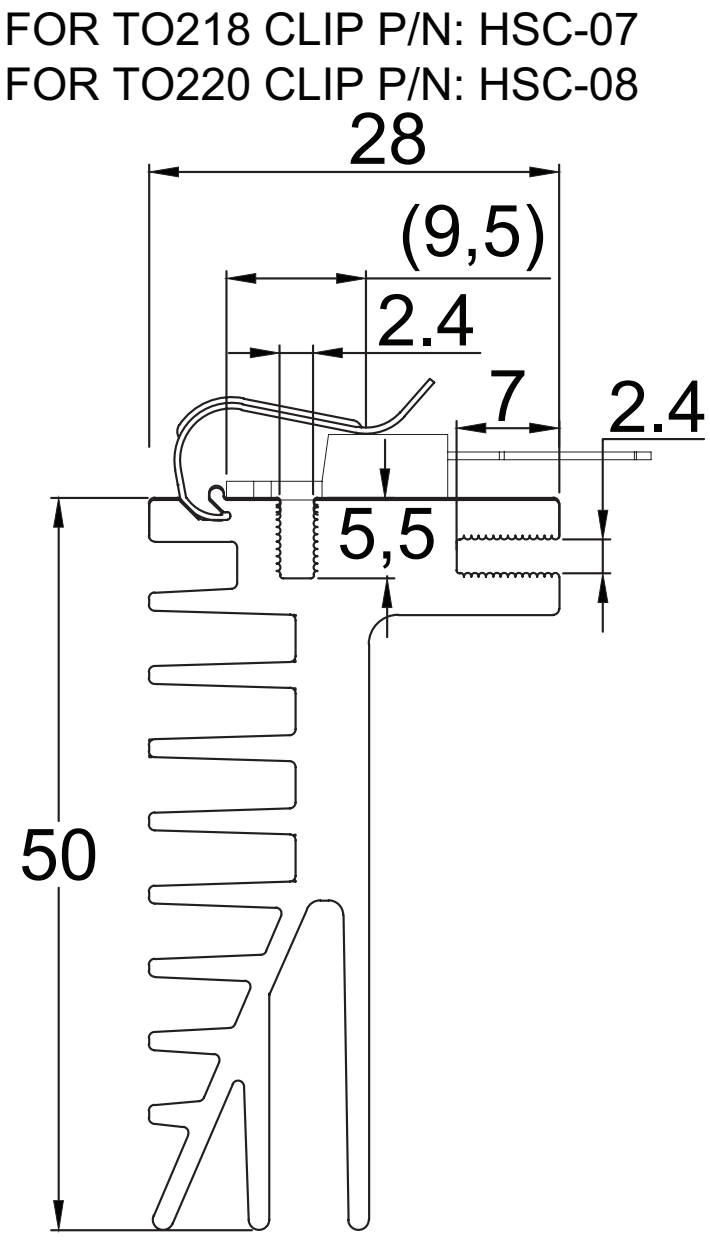
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	96.9 g
LENGTH	75 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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