MODEL: HSS-B20-061H-03 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- solder pin for secure PCB mounting
- black anodized finish
- aluminum



RoHS

MODEL

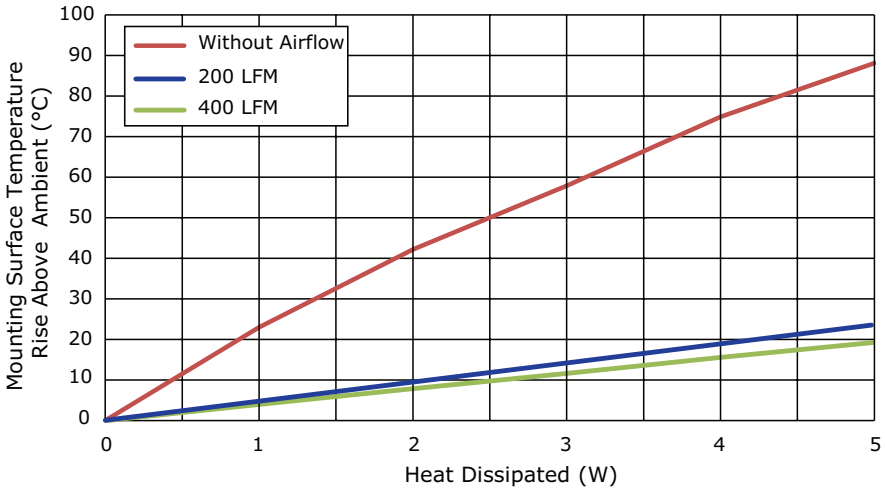
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-061H-03	25.86	31.07	5.72	4.10	2.90

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	31.07	5.72	4.10
2	54.97	12.61	8.99
3	77.04	19.56	14.04
4	95.24	27.21	19.43
5	110.74	34.70	24.50

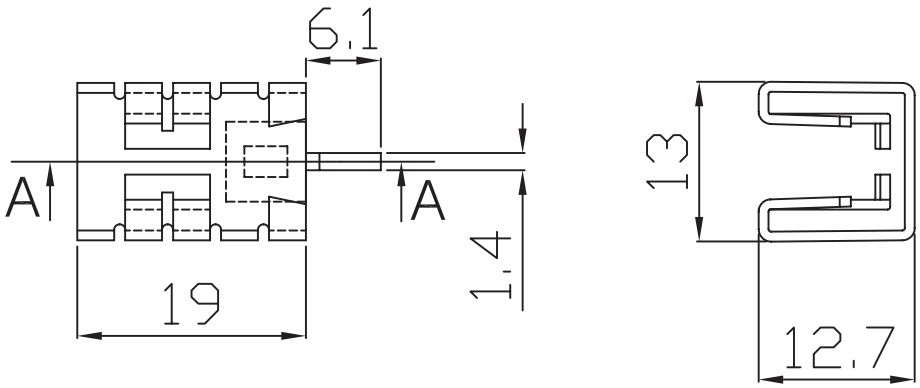
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

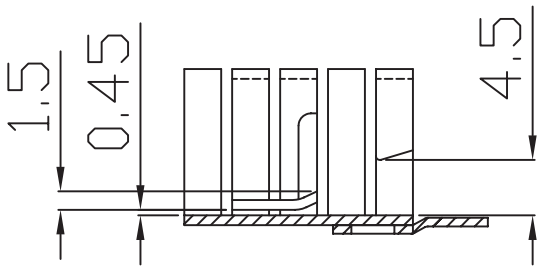


MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	1.8 g





SECTION A-A

REVISION HISTORY

rev.	description	date
1.0	initial release	03/29/2017
1.01	brand update	02/13/2020
1.02	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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