



MODEL: HSS-B20-043H-01 | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- round hole for component attachment
- solder pins for secure PCB mounting
- black anodized finish



MODEL

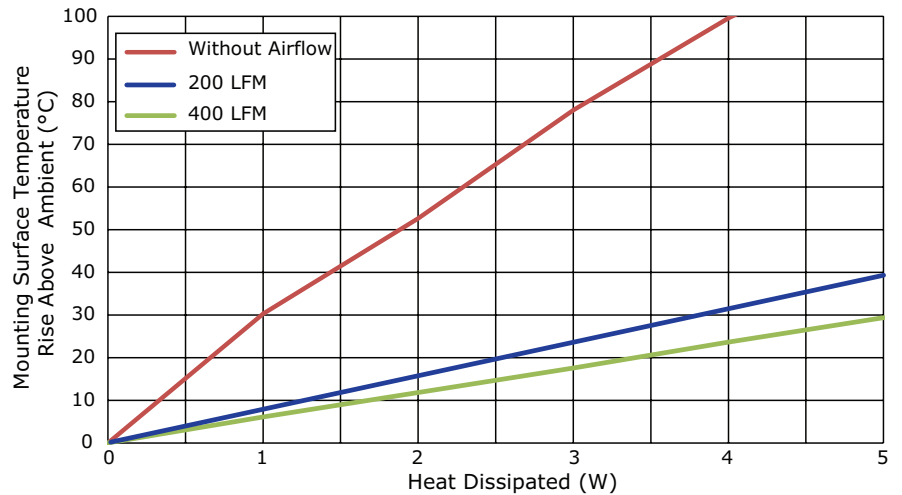
HSS-B20-043H-01	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT, nat conv [W]
	26.13	30.28	8.18	6.09	2.87

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	30.28	8.18	6.09
2	52.63	15.67	11.80
3	78.03	23.66	17.53
4	99.60	31.62	23.64
5	117.50	39.31	29.36

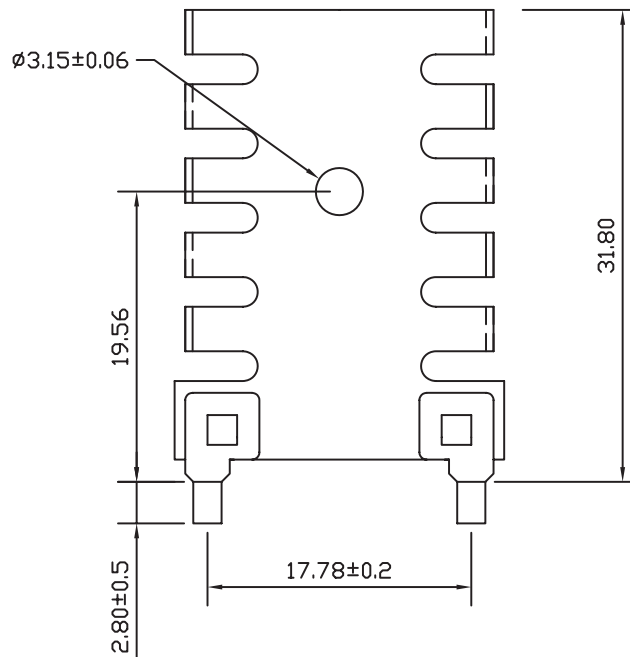
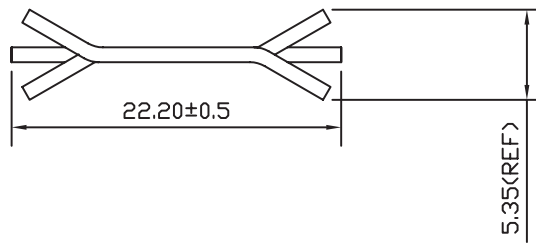
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

MATERIAL	AL1100
FINISH	black anodized
THICKNESS	1.0 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	1.8 g



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2017
1.01	brand update	02/12/2020
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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