

date 08/05/2022

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MODEL: HSS28-B20-P39 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 or TO-218 package
- solder pin
- aluminum alloy





MODEL		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 ∆T, nat conv (W)
HSS28-B20-P39	27.66	32.7	12.0	8.1	2.71

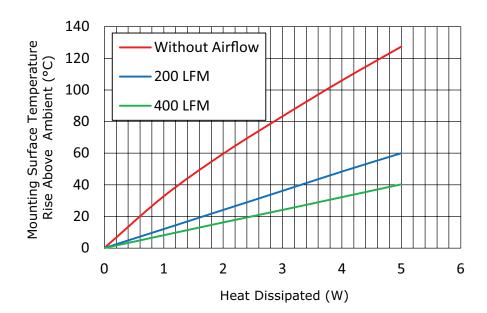
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)				
Power (W)	Natural Conv.	200 LFM	400 LFM		
0	0	0	0		
1	32.7	12.0	8.1		
2	59.6	24.1	16.2		
3	83.3	36.2	24.1		
4	106.0	48.4	32.2		
5	127.4	60.0	40.3		

Ths: "hot spot" temperature measured on the heatsink

Ta: ambient temperature

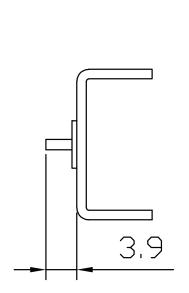


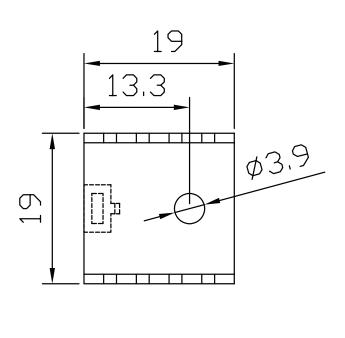
MECHANICAL DRAWING

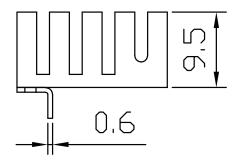
units: mm

tolerance: ±0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	2.1 g







REVISION HISTORY

rev.	description	date
1.0	initial release	04/20/2022
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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