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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

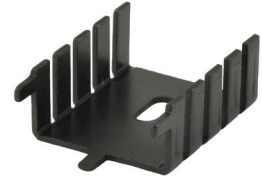
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SERIES: HSS-B20-0508H | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- round or slot hole attachment options
- three tabs for stable PCB placement
- black anodized finish



MODEL

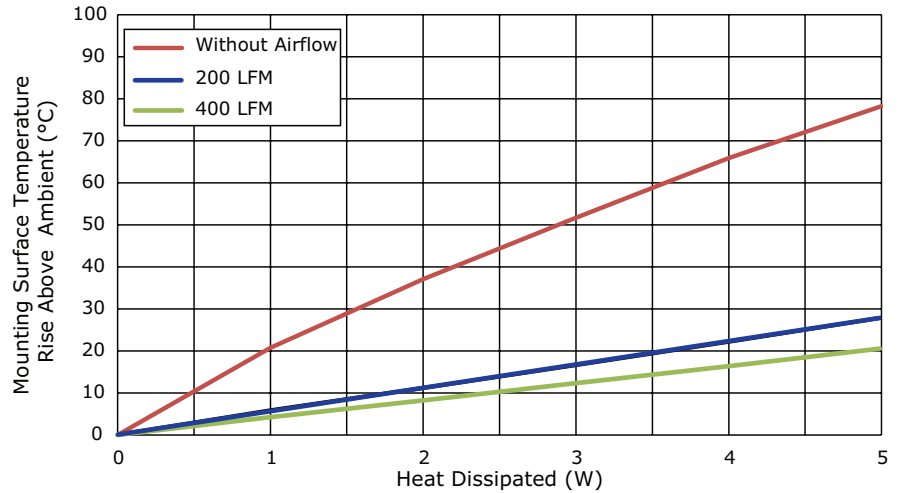
	mounting hole		thermal resistance ¹				power dissipation ¹
	type	size (mm)	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-0508H-01R	round	Ø3.81	15.83	20.74	5.87	4.22	4.74
HSS-B20-0508H-01S	slot	3.9 x 9.52	15.83	20.74	5.87	4.22	4.74

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	20.74	5.87	4.22
2	37.04	11.20	8.21
3	51.71	16.65	12.28
4	65.89	22.18	16.35
5	78.28	27.93	20.51

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

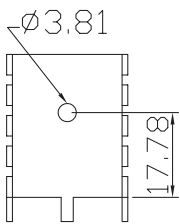


MECHANICAL DRAWING

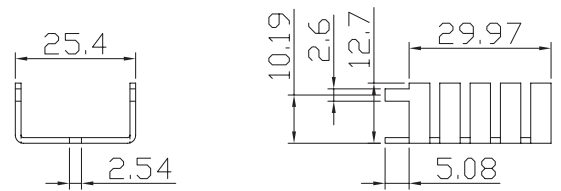
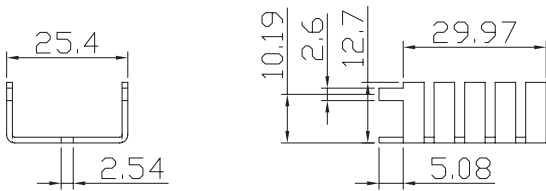
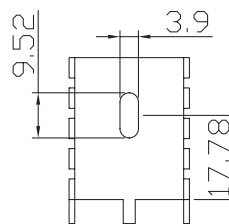
units: mm
tolerance: ±0.5 mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.2 mm
WEIGHT	HSS-B20-0508H-01R: 4.3 g HSS-B20-0508H-01S: 4.3 g

HSS-B20-0508H-01R



HSS-B20-0508H-01S



REVISION HISTORY

rev.	description	date
1.0	initial release	03/29/2017

The revision history provided is for informational purposes only and is believed to be accurate.



CUI INC[®]

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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