SERIES: HSS-B20-07 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- available with and without solder pin
- slide in style for easy component attachment
- black anodized finish



RoHS

MODEL

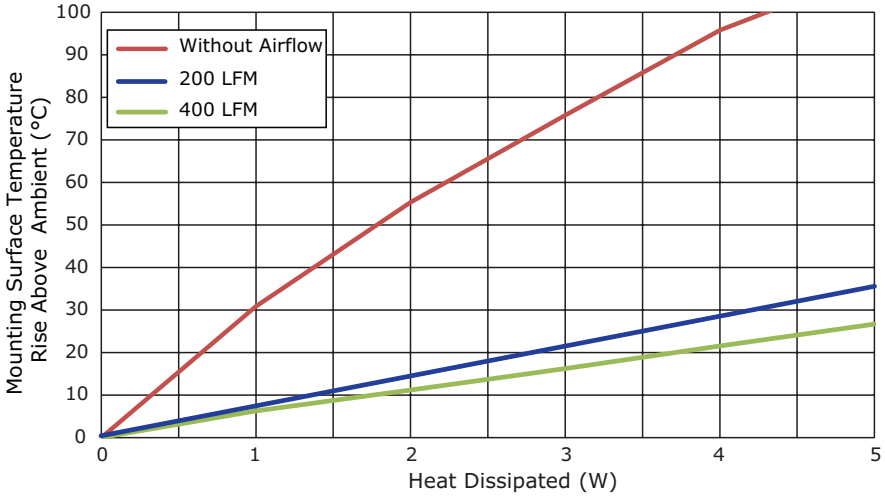
	solder pin		thermal resistance[1]				power dissipation[1]
	orientation	length (mm)	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-061H-02	horizontal	6.1	25.92	30.86	7.24	6.25	2.89
HSS-B20-0953H-02	horizontal	9.53	25.92	30.86	7.24	6.25	2.89
HSS-B20-065V-02	vertical	6.5	25.92	30.86	7.24	6.25	2.89
HSS-B20-NP-10	no pin	--	25.92	30.86	7.24	6.25	2.89

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	30.86	7.24	6.25
2	55.34	14.06	11.16
3	75.79	21.12	16.22
4	95.80	28.34	21.52
5	109.77	35.58	26.70

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

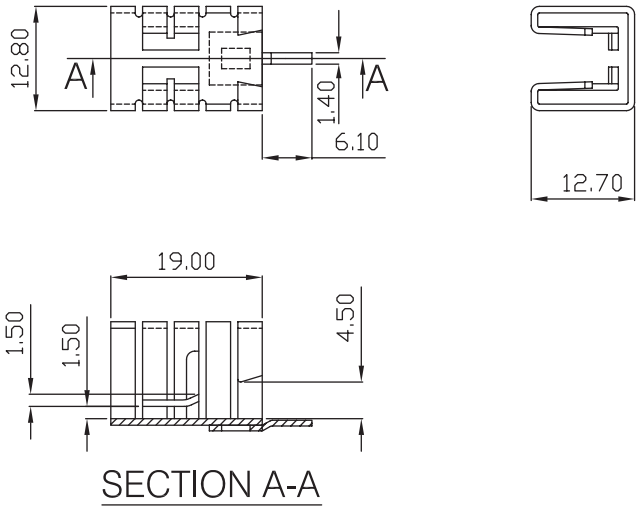


MECHANICAL DRAWING

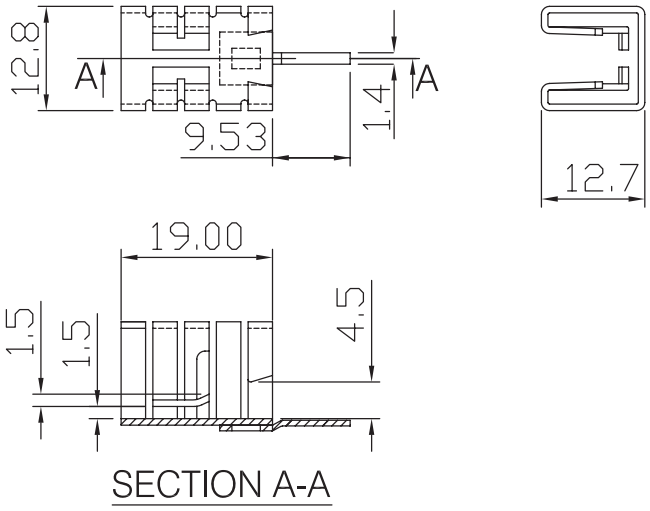
units: mm
tolerance: ±0.5 mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	HSS-B20-061H-02: 1.8 g HSS-B20-0953H-02: 1.8 g HSS-B20-065V-02: 1.8 g HSS-B20-NP-10: 1.7 g

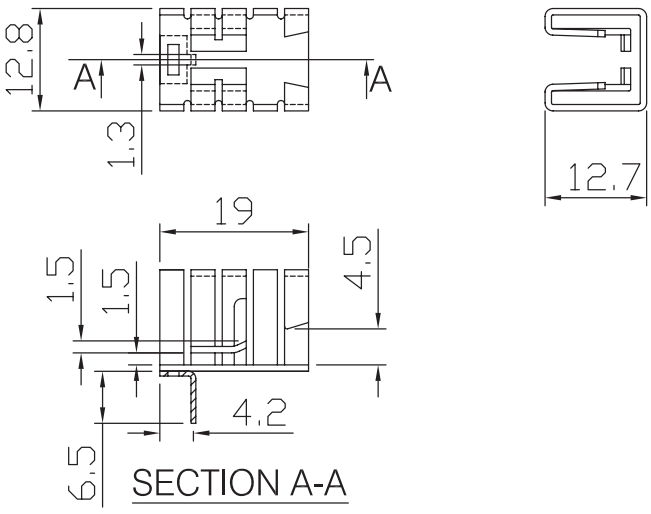
HSS-B20-061H-02



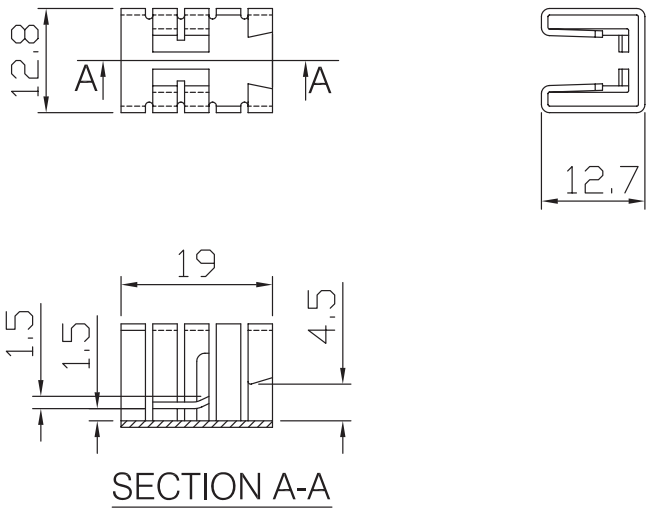
HSS-B20-0953H-02



HSS-B20-065V-02



HSS-B20-NP-10



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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