

MODEL: HSS06-C20-P32 | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 package
- solder pin
- copper alloy
- tin plated

**MODEL**

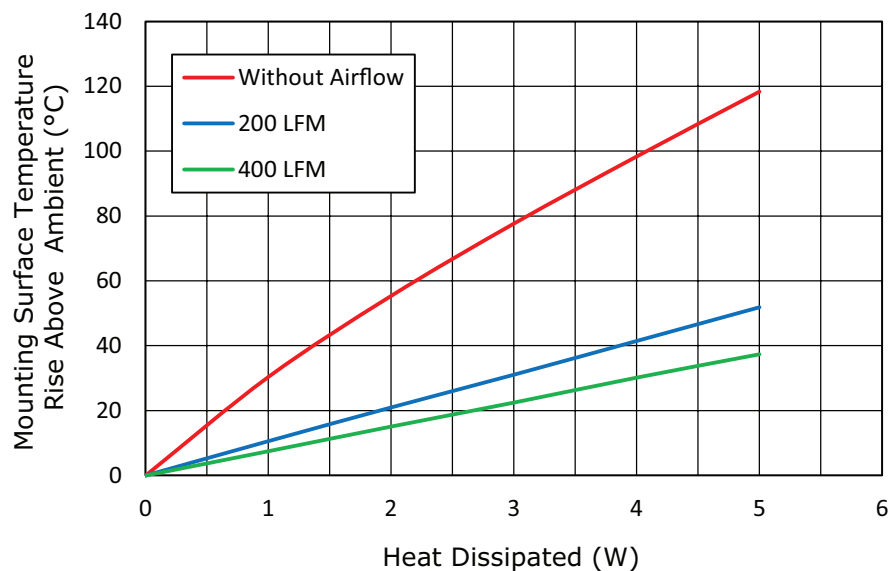
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT , nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT , nat conv [W]
HSS06-C20-P32	25.35	30.4	10.6	7.5	2.96

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	30.4	10.6	7.5
2	55.4	21.0	15.1
3	77.7	31.1	22.5
4	98.4	41.5	30.2
5	118.4	51.9	37.4

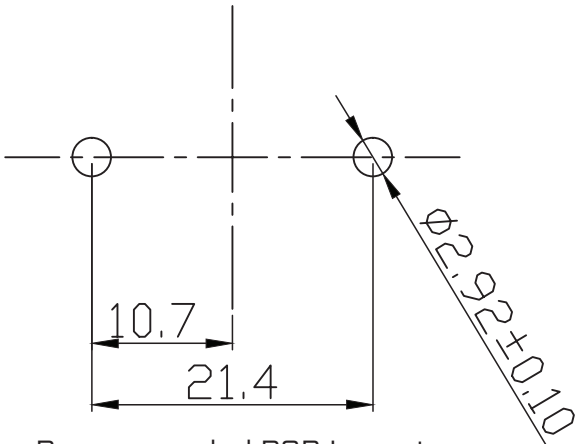
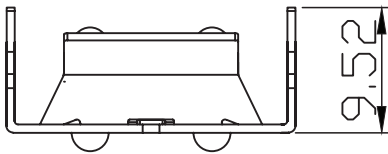
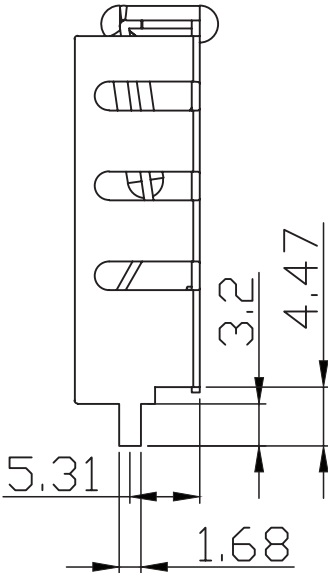
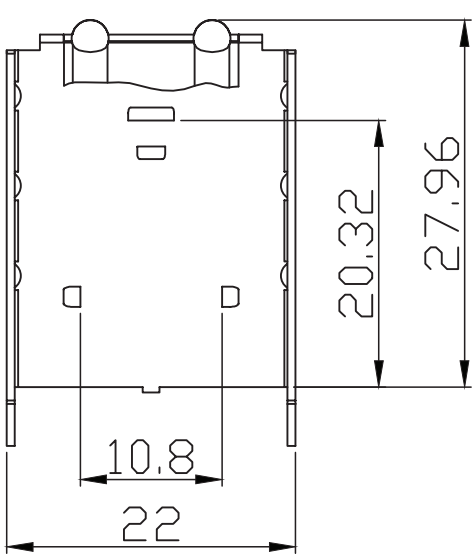
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.25 mm

MATERIAL	C1100
FINISH	tin
THICKNESS	0.6 mm
WEIGHT	7.7 g



Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	06/25/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024
1.03	added recommended PCB layout	11/14/2025

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



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