CUI INC®

MODEL: HSS-B20-NP-12 | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- round hole for component attachment
- two hole options for longer components pins
- black anodized finish

RoHS

MODEL

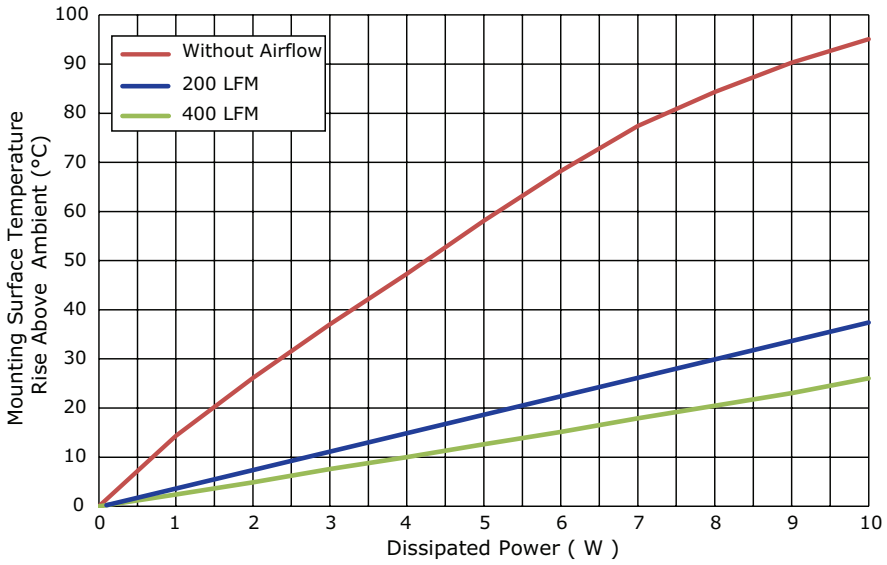
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-NP-12	11.03	14.33	3.47	2.42	6.80

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	14.33	3.47	2.42
2	26.13	7.20	4.89
3	37.06	11.03	7.60
4	47.31	14.48	10.02
5	58.11	18.05	12.62
6	68.23	21.56	15.13
7	77.41	25.39	17.88
8	84.32	29.25	20.46
9	90.32	32.97	23.03
10	95.09	37.42	26.04

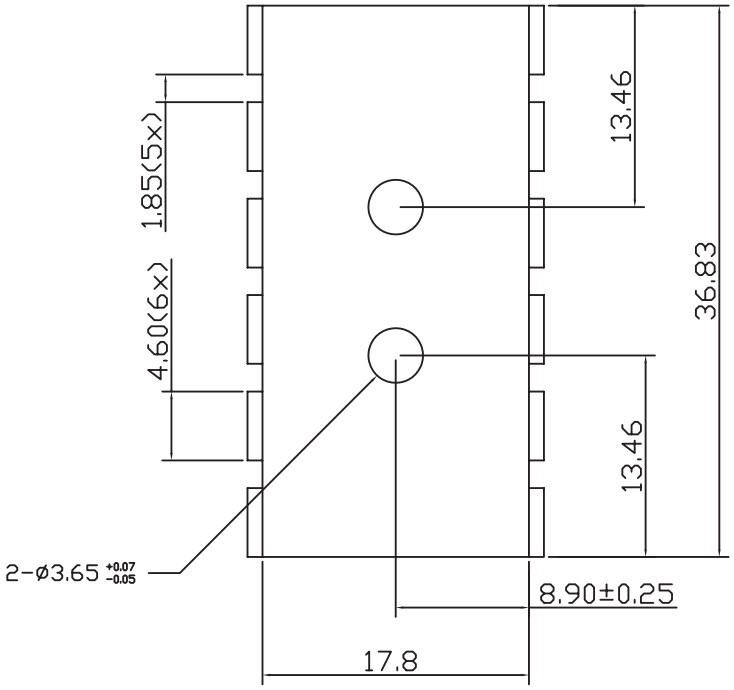
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

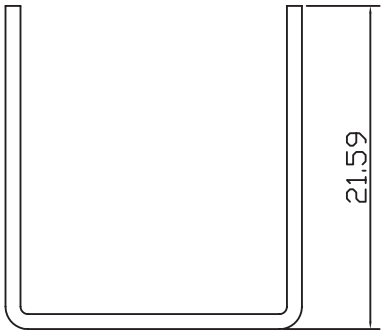


MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL1100
FINISH	black anodized
THICKNESS	1.0 mm
WEIGHT	5.0 g





REVISION HISTORY

rev.	description	date
1.0	initial release	04/03/2017

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