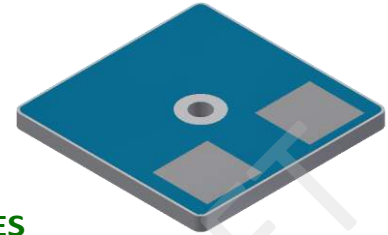


Balancing Aluminum Integrated Resistor



FEATURES

- **200W** Rating in **1.25" x 1.25"** footprint
- **Aluminum** base for superior thermal performance
- Excellent **CTE match** to standard heatsinks
- **Lighter – Smaller – Cooler** than equivalent Steel Resistor
- **Custom Configurations** available
- **Custom Integrated Components** available
- **RoHS** Compliant

USES

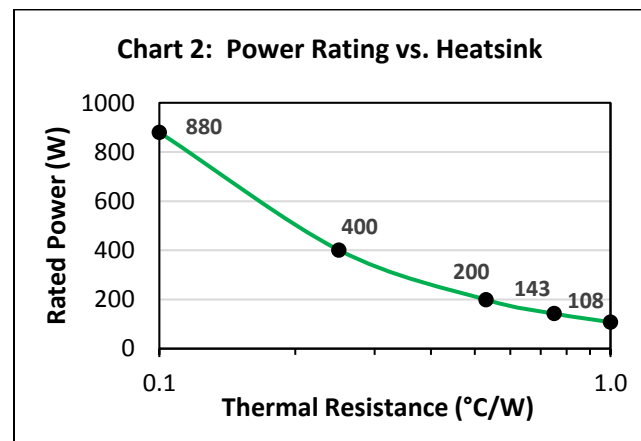
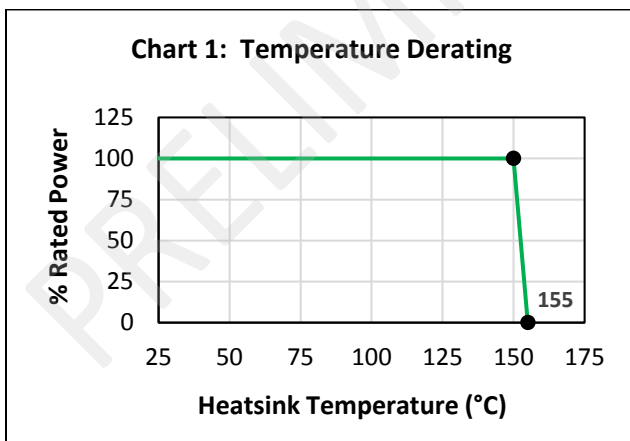
- Power Switching
- Dynamic Braking
- Bleeder Resistor
- In-rush current limiting
- Snubber Circuit
- Heating

Electrical Specifications

		BAIR 2
Resistance Range ¹	ohms	12, 15, 20, 22, 25, 47, 50, 100, 150
Resistance Tolerance ²	%	5, 10, 20
Power Rating on Heatsink ³	W	200
TCR	ppm/°C	<+700
Maximum Substrate Temperature	°C	155
Ambient Temperature Range	°C	-55 to +155
Dielectric Breakdown Voltage	V (dc/ac peak)	2kV

Notes

1. Custom resistance values available. Contact factory for all customization requests.
2. Price varies based on tolerance.
3. Mounted on a **0.53°C/W** heatsink with ambient air temperature of **25°C**.
For additional power rating information, see **Charts 1 & 2** below:



General Note

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February 2, 2018





DIMENSIONS

BAIR 2		
	Meas.	Tol. (in)
L	1.250"	+/- 0.005
W	1.250"	
ØD	0.126"	nom
t	0.090"	
a	0.060"	
b	0.104"	
c	0.364"	
d	0.364"	
wt.	8-10g	

TERMINATION OPTIONS

Option	Code	Nominal Dimensions
Solder pad only	S	
Flying leads	L	
Push-on connectors	T	

PART NUMBER / ORDERING INFORMATION

BAIR2-S-100R JTYN

Type/Size	Version	Value	Tolerance	Termination	RoHS Compliant	Attributes
BAIR 2	S = Standard	Resistance Value as per standard IEC 60062	J = 5% K = 10% M = 20%	S = Solder Pad only L = Flying Leads T = Push-on connectors C = Custom	Y = Yes N = No	N = None F = Fuse T = Thermistor L = Legend V = Custom breakdown voltage

Note: More than one attribute can be listed

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