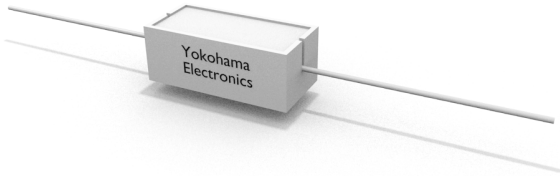


JBA series / Boat Ceramic Cased Axials



特徴

- ・ 定格電力 2 ~ 20W
- ・ 高付加耐性
- ・ 高湿度耐性
- ・ 不燃構造
- ・ 高絶縁抵抗
- ・ 低温度上昇
- ・ 溶接構造で高性能品に対応

Features

- ・ 2 to 20W Power Rating
- ・ High Overload Capability.
- ・ High Moisture Resistance.
- ・ Non-Flammable Construction.
- ・ High Insulation Resistance
- ・ Low Surface Temperature.
- ・ All Welded Construction for High Specification Parts

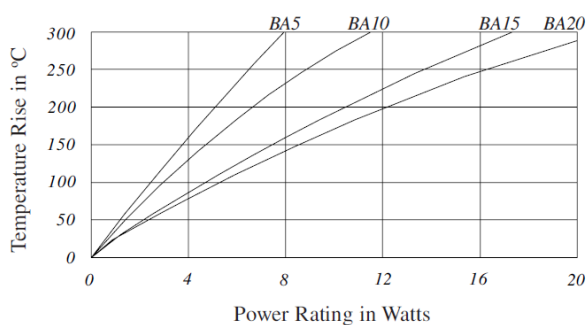
仕様・環境特性 / Electrical Specifications and Environmental Characteristics

Type	Power @ 25°C Watts	Ohmic Range In Ohm		Additional Specifications	
		Min	Max		
J BA2	2	0R10	2K7	TCR	Low Values - < 450 ppm/°C Other Values - Std. < +150 ppm/°C, on Request 20 ppm/°C
J BA3	3	0R10	2K7	Power Rating	Rated @ 25°C Ambient
J BA5	5	0R10	2K7	Derating	From 70 °C to 275 °C
J BA7	7	0R10	10K	Climatic Catg.	55 / 200 / 56
J BA10	10	0R22	10K	Ambient Temp.	-55 °C to 200 °C
J BA15	15	0R22	10K	Solvent Resistance	R<5% As Per IEC115-1, Clause 4.30, Test XA of IEC 68-2-45
J BA20	20	0R33	15K	Short term Over Load	Δ R < 2% @ 10 Times Rated Power for 5 Secs

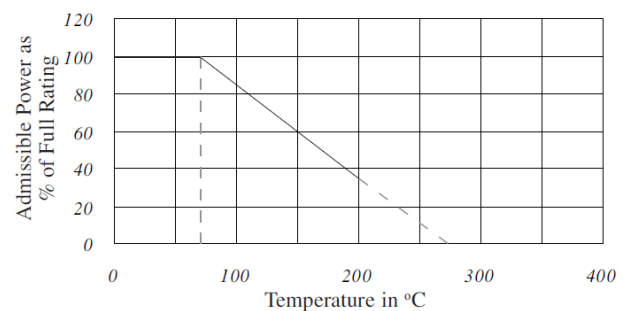
性能 / Performance characteristics

Test Methods	Test Conditions	Test Limits
Short Term Overload	5 x Rated Power for 5 Seconds, IEC115-1, Clause 4.13	Δ R<2%+0R05
Endurance at Rated Wattage	Full Rated Power for 1000hrs (1.5hrs ON, 0.5hrs OFF)	Δ R<5%+0R05
Terminal Strength	Pull Strength of 50N for 10 seconds, IEC115-1, Clause 4.16, Test Ua 1	Δ R<1%+0R05
Insulation Resistance	As Per IEC115-1, Clause 2.2.17, at 500V DC	500M ohms
Long Term Damp Heat	90-95% RH@40 °C Ambient Temperature for 56 days, IEC115-1, Clause 4.18	Δ R<3%+0R05
Resistance to Soldering Heat	10 Seconds Dip in Solder Bath at 260 °C, IEC115-1, Clause 4.18	Δ R<1%+0R05
Solderability	MIL Std. 202F, Test 208	95% Coverage

Temperature Rise Graphs

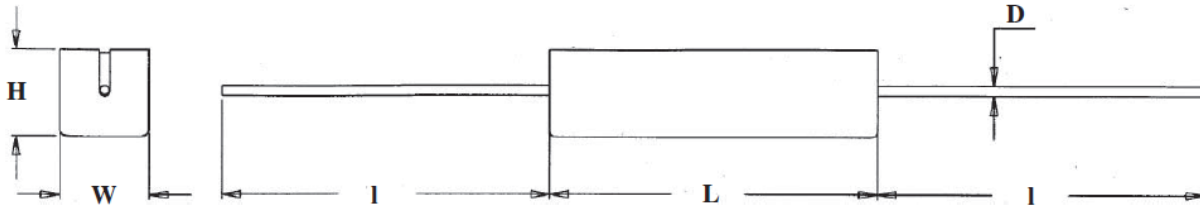


Derating Curve²



JBA series / Boat Ceramic Cased Axials

Dimensions



Do not Scale Drawings.
All dimensional tolerances in mm.

In mm

Type	L ± 1.5	W ± 1.0	H ± 1.0	d ± 0.05	l Nom
J BA2	18	7	7	0.8	35
J BA3	22	8	8	0.8	35
J BA5	22	9.5	9.5	0.8	35
J BA7	35	9.5	9.5	0.8	35
J BA10	48	9.5	9.5	0.8	35
J BA15	48	12.5	12.5	0.8	35
J BA20	60	12.5	12.5	0.8	35

In inches

Type	L ± 0.059	W ± 0.039	H ± 0.039	d ± 0.002	l Nom
J BA2	0.708	0.275	0.275	0.0315	1.378
J BA3	0.886	0.315	0.315	0.0315	1.378
J BA5	0.886	0.374	0.374	0.0315	1.378
J BA7	1.378	0.374	0.374	0.0315	1.378
J BA10	1.89	0.374	0.374	0.0315	1.378
J BA15	1.89	0.492	0.492	0.0315	1.378
J BA20	2.362	0.492	0.492	0.0315	1.378

品番構成 / Ordering Code

Type	Ohmic Value	Tolerance	Packing Style	Release Condition	Special Requirements
JBA7	0.1 Ohm : 0R1 / R10 1 Ohm : 1R0 1K Ohm : 1K0 10.7K Ohm : 10K7	10% : K 5% : J 2% : G 1% : F 0.50% : D	Bulk : B	Commercial : X	Standard : S High Surge : P Others : M

A Sample Part No.: JBA7 10R JBXS

注意事項 / Note

- 1 On request we undertake tests for Batch Acceptance to a specified Reference Standard.
- 2 The Derating Curve specifies the maximum allowable Power at a particular ambient temperature while ensuring that the maximum surface temperature remains within the designed limit.
- 3 When the Resistor is subjected to a Pulse Load, please ensure that the *average* Power dissipated remains below the rated Power specified.
- 4 Resistor performance with Pulse Loads will have to be application tested. Please utilise our Pulse Application Questionnaire for selecting a suitable type or for requesting any design-in assistance from us.