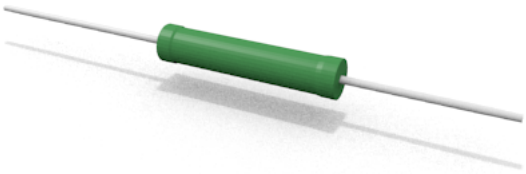
シリコンコート･ファイバーガラス･アキシャル 抵抗器

RoHS Compliance

Yokohama Electronic Devices

JAG series / Silicon Coated Fiber Glass Axial



特徴

･小型
･安全ガラス構造
･参考規格
　･IS8909
･High Overload Capability.

Features

･Small size
･Shatter proof
･Reference standard
　･IS8909
･High Overload Capability.

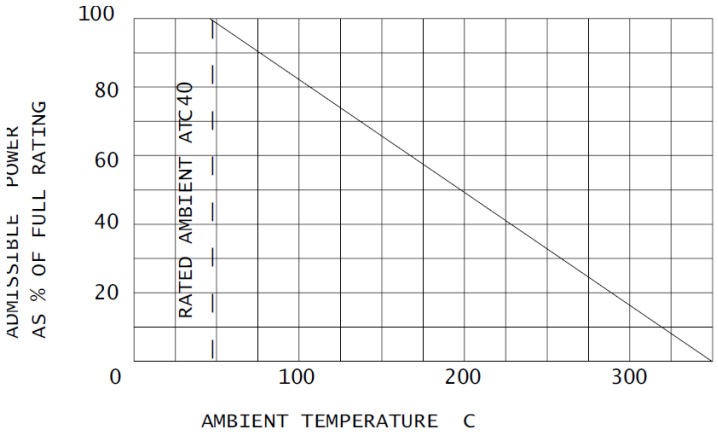
本シリーズは電気機器産業で求められる低コスト、高信頼、小型な抵抗器需要に答えたもので一般用途向けの製品です。低損失ガラスファイバーに厳選した抵抗線を自動機で巻きつけることによりベース素材を形成、旧来のセラミック形状と比較して大幅なコスト低減に成功しています。
この構造は機械的な強度が強く（粉々にならない）、
産業用から娯楽用まで様々な用途の電子機器に有用です。
この製品は当社のJLPシリーズの廉価版として提案されています。

This Series of axial lead resistors meets the need of the electronic industry for a low cost, reliable, small size resistor for general application. Cost reduction is achieved by automatic winding of selected resistance wires on a bunch of low-loss glass fiber as base instead of the conventional ceramic formers.
The resistors of this series are mechanically strong (shatter proof) and are useful for a wide range of applications in industrial and entertainment electronics. They are suggested as a cheaper alternative to YED's industrial grade JLP Series.

仕様･環境特性 / Electrical Specifications and Environmental Characteristics

	Power @ 70 ° C	Ohmic Range Ohm		Additional Specifications	
	Watts	Min	Max		
JA G1	1	0R33	1K8	Tolerance	For value > 1R0- ±10%
JA G2	2	0R51	3K9		For value 1R0 - ±10%, +0R05
JA G3	3	0R33	5K		5% available in all values on request
JA G5	5	0R62	7K5	Power Rating	1. The resistors in this series, reach hot spot temperatures of around 350 ° C.
JA G7	7	1R	10K		We recommend derating of 50% in all Wattegs.
JA G9	9	2R	12K		2. Clearance from PCB of about 5MM may be necessary.
				Stability	Δ R <5% at full load for 1000Hours

Derating Cirve[2]



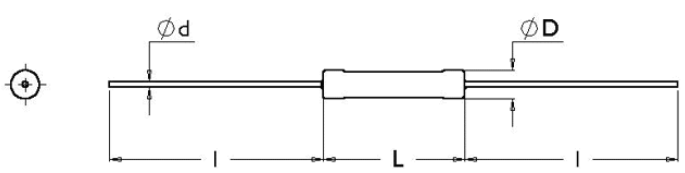
シリコンコート･ファイバーガラス･アキシャル 抵抗器

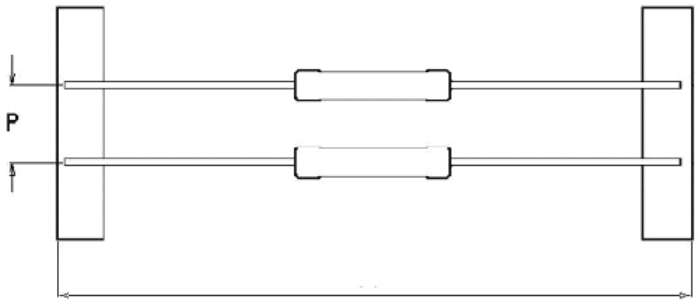
RoHS Compliance

Yokohama Electronic Devices

JAG series / Silicon Coated Fiber Glass Axial

Dimensions





In mm

Type	L .Max	D .Max	d ± 0.05	l Nom	p ± 1	L1 Nom
JA G1	15	5	0.8	35	10	86
JA G2	23	6	0.8	35	10	95
JA G3	23	6	0.8	35	10	95
JA G5	30	6	0.8	35	-	-
JA G7	35	6	0.8	35	-	-
JA G9	50	6	0.8	35		

In inch

Type	L .Max	D .Max	d ±0.002	l Nom	p ±0.0394	L1 Nom
JA G1	0.591	0.197	0.0315	1.378	0.394	3.386
JA G2	0.906	0.236	0.0315	1.378	0.394	3.74
JA G3	0.906	0.236	0.0315	1.378	0.394	3.74
JA G5	1.181	0.236	0.0315	1.378	-	-
JA G7	1.378	0.236	0.0315	1.378	-	-
JA G9	1.969	0.236	0.0315	1.378		

品番構成 / Ordering Code

Type	Ohmic Value	Tolerance	Packing Style	Release Condition	Special Request If any
JAG7	0.1 Ohm : 0R1 / R10 1 Ohm : 1R0 1K Ohm : 1K0 10.7K Ohm : 10K7	5% : J 10% : K	Bulk : B Tape & Reel : T	Commercial : X	Standard : S 38mm : 1.5” / L Others : M

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.