



ENGLISH

Datasheet

RS Pro High Voltage Axial Resistors



Product Details:

RSHVS series resistors are designed and manufactured to offer stable performance across a wide range of resistance values. This thick film series of high voltage resistors contains ratings up to 40KV in an axial-leaded package. The axial design enables allows easy design-ins with a known form factor. These components are coated in a high temperature silicone coating to protect the thick film layer.

Specifications:

Style	Power (watts)	Resistance Range (Ohms)	Operating Voltage (Max)
RSAHV2.5	2.5	250-300G	10K
RSAHV5	5	500-700G	20K
RSAHV7.5	7.5	750-1000G	30K
RSAHV10	10	1K-1000G	40K



ENGLISH

Datasheet

Stock No:

RS Pro High Voltage Axial Resistors



Product Range:

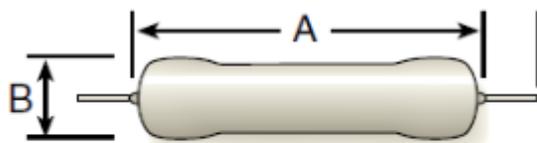
The RSAHV series can be identified:-

Series	Watts	Ohms	Part number
RSAHV	2.5	100M	RSHVS2.5100M
R = single Ohm	K = Thousand Ohm	M = Million Ohm	G = Thousand Million Ohm
Where R, K, M or G = decimal point			

Characteristics:

Core:	Alumina
Resistor:	Thick Film
Terminal:	RoHS solder composition is 96% Sn, 3.5% Ag, 0.5% Cu
Resistance Range:	250 - 1000G
Power Rating:	2.5 - 10
Voltage Rating:	10Kv - 40Kv
Tolerance:	5%
Operating Temperature:	-55°C to +210°C
Temperature Coefficient:	25ppm/°C 0° to 85°C available

Dimensions:



Typical Lead length is 38.1mm with a Dia of 0.813mm

Style	A (max)	B (max)
RSAHV2.5	28.45	7.87
RSAHV5	53.85	7.87
RSAHV7.5	79.24	7.87
RSAHV10	104.65	7.87