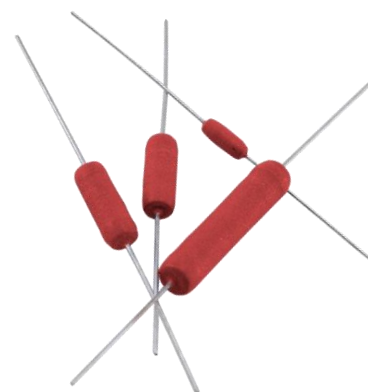




ENGLISH

# Datasheet

# RS Pro Silicone Coated Wirewound Axial Resistors



## Product Details:

The RSAWW is offered as an economical conformal silicone-ceramic coated resistor series. The RSAWW is constructed using an all-welded assembly giving great resistance to thermal shock making them ideal for a wide range of electrical and electronic applications. The durable but economical RASWW Series resistors exceed industry requirements for quality and are available in 5 sizes up to 10 watts.

## Specifications:

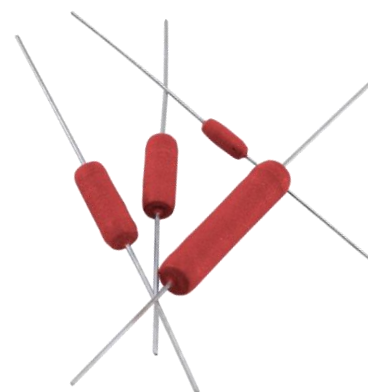
Style	Power (watts)	Resistance Range (Ohms)	Operating Voltage (Max)
RSAAW1	1	0.1-6K	150
RSAAW2	2	0.1-8K	100
RSAAW3	3	0.1-20K	200
RSAAW5	5	0.1-70K	460
RSAAW10	10	0.1-150K	1000



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## RS Pro Silicone Coated Wirewound Axial Resistors



### Product Range:

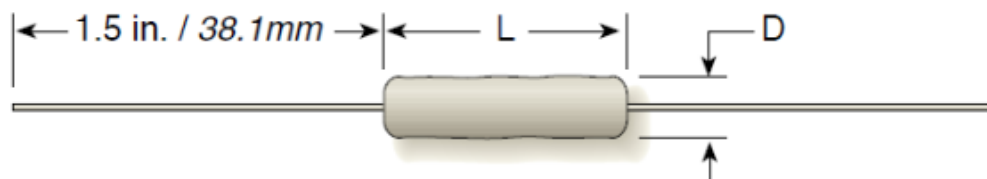
The RSAWW series can be identified:-

Series	Watts	Ohms	Part number
RSAWW	2	5R1	RSAWW25R1
R = single Ohm	K = Thousand Ohm		
		Where R or K = decimal point	

## Characteristics:

<b>Coating:</b>	Conformal silicone-ceramic
<b>Core:</b>	Ceramic
<b>Terminals:</b>	Solder-coated copper clad axial. RoHS solder composition is 96% Sn, 3.5% Ag, 0.5% Cu
<b>Derating:</b>	Linearly from 100% @ +25°C to 0% @ +275°C.
<b>Tolerance:</b>	±5%
<b>Power Rating:</b>	Based on 25°C free air rating
<b>Overload:</b>	Under 5 watts: 5 times rated wattage for 5 seconds. 5 watts and over: 10 times rated wattage for 5 seconds.
<b>Temperature Coefficient:</b>	Under 1Ω: ±90 ppm/°C; 1Ω to 9.99Ω: ±50 ppm/°C; 10Ω and over: ±20 ppm/°C

## Dimensions:



Style	L (max)	D (max)	Lead diameter
RSAAW1	11.1	3.2	0.51
RSAAW2	10.3	5.6	0.81
RSAAW3	15.1	5.6	0.81
RSAAW5	23.8	8.7	1.02
RSAAW10	48.3	10.3	1.02