



ENGLISH

# Datasheet

# RS Pro Tubular Wirewound Resistors



## Product Details:

The RSSC series fixed resistors are ideal for applications requiring wattage ratings from 72 to 1000 watts. The RSSC resistors are spot welded producing stronger mechanical and electrical connections for rugged applications. The vitreous enamel coating was specifically developed and provides protection against moisture, mechanical damage and is thermally matched to the core. This resistor series is equipped with lug terminals suitable for soldering or sturdy bolt connection. Mounting brackets not included with resistors.

## Specifications:

Style	Power (watts)	Resistance Range (Ohms)	Operating Voltage (Max)
RSSC72	72	0.4-250K	1400
RSSC160	160	0.5-100K	2100
RSSC200	200	0.1-18	N/A
RSSC280	280	0.2-125K	3300
RSSC700	700	0.2-200K	5000
RSSC1000	1000	0.33-56	N/A



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## Product Range

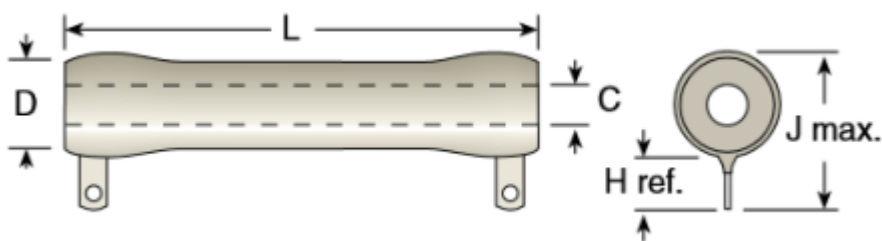
The RSSC series can be identified :-

Series	Watts	Ohms	Part number
RSSC	200	4R7	RSSC2004R7
R=single Ohm		K = Thousand Ohm Where R or K = decimal point	

## Characteristics:

<b>Coating:</b>	Lead free vitreous enamel. Very large models (700 watts and up) are supplied in Silicone Ceramic
<b>Core:</b>	Tubular ceramic
<b>Terminals:</b>	Solder coated radial lug with RoHS composition solder
<b>Derating:</b>	Linearly from 100% @ +25°C to 0% @ +350°C.
<b>Tolerance:</b>	±5% 1Ω and over; ±10% under 1Ω
<b>Power Rating:</b>	Based on 25°C free air rating.
<b>Overload:</b>	10 times rated wattage for 5 seconds
<b>Temperature Coefficient:</b>	1 to 20Ω: ±400 ppm/°C; Above 20Ω: ±260 ppm/°C; Ribbon wire: 400ppm/°C
<b>Dielectric Withstand:</b>	1000 VAC: 72 to 160 watt rating. 3000 VAC: 280 to 700 watt rating (Measured from terminal to mounting bracket)

## Dimensions:



Style	L	D	C	H (ref)	J (max)
RSSC72	119	20	9.2	14.3	39.4
RSSC160	170	25.5	12.4	15.9	45.9
RSSC200	170	25.5	12.4	15.9	45.9
RSSC280	252	30.6	17.5	19.1	54.1
RSSC700	375	51	27.9	19.1	74.1
RSSC1000	375	51	27.9	19.1	74.1