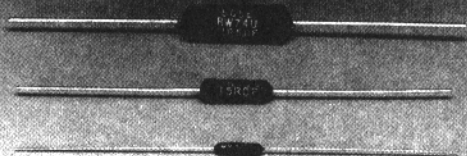


Series RW (Military) and SC (Commercial)
1, 3, 5 Watt; ± 1 Tolerance
 Axial-Lead, Silicone, Wirewound Resistors



Description

The RW series is the military version of our popular CSC series. All of the same benefits and features, with the addition of $\pm 1\%$ resistance tolerance.

These units are dual-marked with the military number (RW) and Clarostat's number (SC).

Features

- All-welded construction
- High-temperature silicone coating
- Low Cost
- Meets or exceeds MIL-R-26 standards
- Non-inductive windings available

Series RW/SC Material Specifications

Coating

Conformal Silicone

Core

Ceramic

Terminals

Tinned, copperweld, solderable to MIL-R-26 standards

Series RW/SC Electrical Specifications

Resistance Tolerance

$\pm 1\%$

Temperature Coefficient

± 650 ppm/ $^{\circ}\text{C}$, less than 0.5 ohm

± 400 ppm/ $^{\circ}\text{C}$, less than 1 ohm

± 50 ppm/ $^{\circ}\text{C}$, 1 to 9.9 ohms

± 20 ppm/ $^{\circ}\text{C}$, greater than 10 ohms

Dielectric Withstanding Voltage

500 Vac, 1 watt model

1000 Vac, above 1 watt

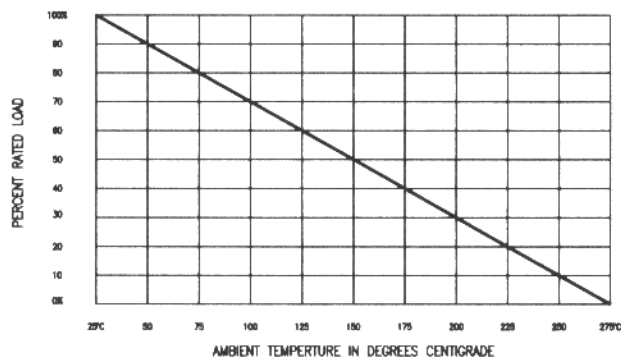
Power Rating

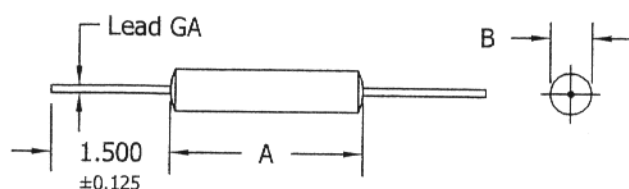
Based on 25 $^{\circ}\text{C}$ free air rating

Series	Wattage
RW70/SC1A	1
RW70/SC3D	3
RW74/SC5E	5

Figure 1

Series RW/SC Derating





	A*	B*	Lead GA
SC1A	.437"	.125"	24
SC3D	.593"	.218"	20
SC5E	.937"	.343"	18

* Maximum Dimensions

Series RW/SC Standard Resistance Values

Standard Resistance Ranges

RW70 /SC1A	.1 to 3K
RW79 /SC3D	.1 to 10K
RW74 /SC5E	.1 to 25K

Notes:

Standard packaging: 10 per pack.
Tape and reel available.
Special resistance values available.
For specials, please consult Factory.

Series RW/SC How To Order

~~These units are dual marked with a military number (RW) and Clarostat's commercial number (SC). Either designation will order the same unit.~~

Commercial Designation

Series/Wattage + Resistance Value = Part Number

Example:

If 3 watts: SC3D + 10 ohms = SC3D-10

Military Designation

~~Series/Wattage + Temperature Characteristic* +
Resistance Value + Resistance Tolerance** = Part
Number~~

Example:

~~If 3 watts: RW79 + U + 10 ohms + F = RW79U10R0F.~~

*Temperature Characteristic U is 275°C maximum.

**Resistance Tolerance F is ±1%.