

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 ±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
 ±1%

Temperature Coefficient
 ±650 ppm/°C, less than 0.5 ohm
 ±400 ppm/°C, less than 1 ohm
 ±50 ppm/°C, 1 to 9.9 ohms
 ±20 ppm/°C, greater than 10 ohms

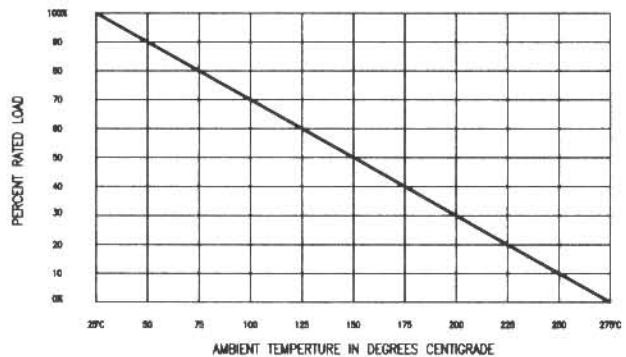
Dielectric Withstanding Voltage
 500 Vac, 1 watt model
 1000 Vac, above 1 watt

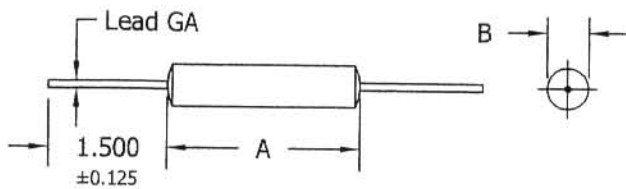
Power Rating
 Based on 25°C free air rating

Series	Wattage
RW70/SC1A	1
RW70/SC3D	3
RW70/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%.