

# HONEYWELL

*See full Datasheet below...*

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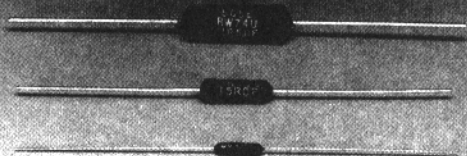
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masterelectronics.com & onlinecomponents.com  
are **authorized** e-commerce distributors  
of electronic components.

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

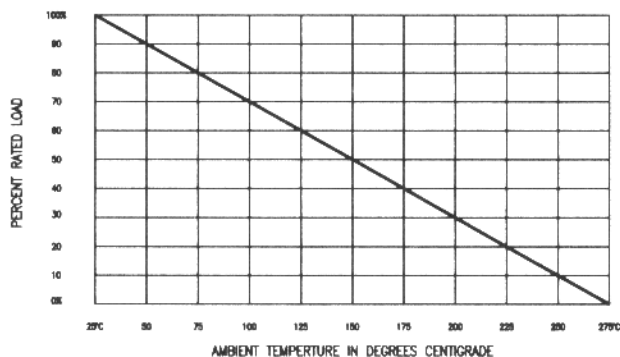
*Dielectric Withstanding Voltage*  
 500 Vac, 1 watt model  
 1000 Vac, above 1 watt

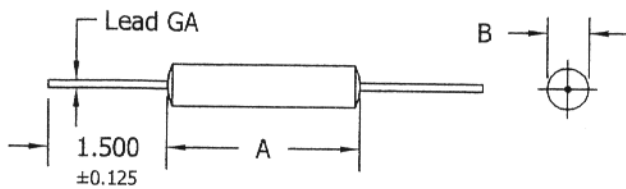
*Power Rating*  
 Based on 25°C free air rating

Series	Wattage
RW70/SC1A	1
RW70/SC3D	3
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*

<del>RW70/SC1A</del>	.1 to 3K
<del>RW79/SC3D</del>	.1 to 10K
<del>RW74/SC5E</del>	.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%.