
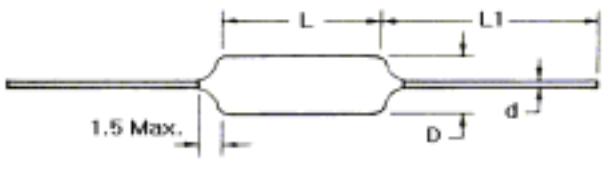


# RW

## SILICON COATED WIRE WOUND FIXED RESISTORS



### DIMENSIONS



Type	Dimensions [mm]			
	L±1.5	D±1.0	d±0.02	L1±2
RW 1	10	3.3	0.8	27
RW 2	12	4.0	0.8	27
RW 3	15	5.5	0.8	35
RW 5	24	8.5	0.8/1.0	35
RW 10	39	8.5	0.8/1.0	35
RW 10L	46	10.5	0.8/1.0	35

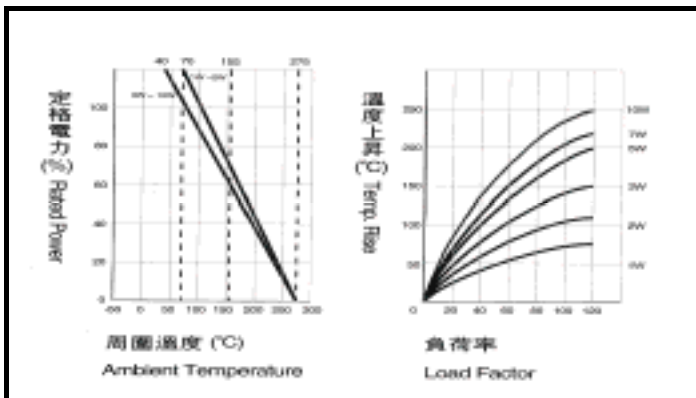
### GENERAL SPECIFICATIONS

Type	Rated Wattage	Max. Working Voltage	Resistance Tolerance	Resistance Range		Special Order	
				Inductive	Non-Inductive	Resistance Tolerance	T.C.R
RW 1	1W	50V	±0.5(D) ±1.0(F) ±2.0(G) ±5.0(J)	0.1~1k	0.1~0.5k	±0.10(B) ±0.25(C)	± 5 ppm/°C ± 10 ppm/°C ± 25 ppm/°C
RW 2	2W	100V		0.1~6k	0.1~2k		
RW 3	3W	200V		0.1~10k	0.1~4k		
RW 5	5W	450V		0.5~30k	0.1~15k		
RW 10	10W	700V		0.5~70k	0.1~30k		
RW 10L	14W	800V		0.5~100k	0.1~40k		

### CHARACTERISTICS

Test	Conditions & Test method	
1. Operating Temp. Range	-55°C~ +275°C.	
2. Temperature coefficient	±400ppm/°C below 9.9 , ±260ppm/°C 10 and above.	
3. Insulation Resistance	20M Minimum.	
4. Dielectric Withstanding Voltage	±[1.0% + 0.05 ]	AC800V 1minutes.
5. Short Time Overload	±[2.0% + 0.05 ]	10×wattage rating- 5seconds.
6. Load Life	±[5.0% + 0.05 ]	Wattage rating 1.5hrs.-on, 30min-off, 1000hrs.
7. Moisture Resistance	±[3.0% + 0.05 ]	40°C, 95%RH, 0.1×wattage rating. 1.5hrs.-on, 30min-off, 500hrs.
8. Terminal Strength	±[1.0% + 0.05 ]	Pull-1kgf, Bent-1kgf (30secs-2cycles).
9. Thermal Shock	±[2.0% + 0.05 ]	350 ±5°C, 2 hours.
10. Vibration	±[1.0% + 0.05 ]	X-2 hours, Y-2 hours.

### DERATING CURVE



### HOW TO ORDER

RW      5W(N)      50      F  
 1            2            3            4

1. Type
2. Rated Wattage( Non-Inductive)
3. Resistance
4. Tolerance