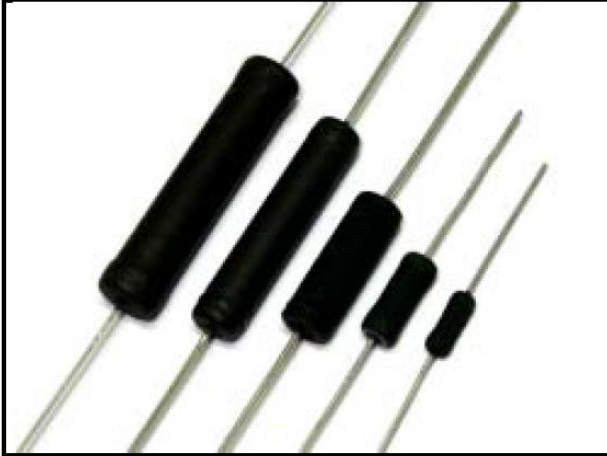
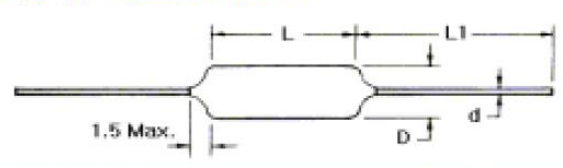


**RW** 실리콘코팅 권선고정저항기

**SILICON COATED WIRE WOUND FIXED RESISTORS**



**■ 촌 법 DIMENSIONS**



형 명 Type	촌 법 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

**■ 일반규격 GENERAL SPECIFICATIONS**

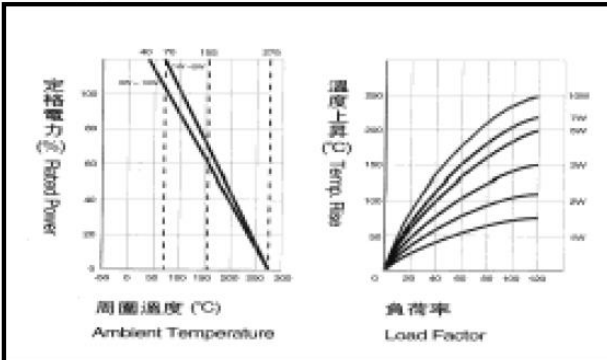
형 명 Type	정격전력 Rated Wattage	최고사용전압 Max. Working Voltage	저항치허용차 Resistance Tolerance	저항치범위 Resistance Range		특주품 Special Order	
				Inductive	Non-Inductive	저항치허용차 Resistance Tolerance	온도계수 T.C.R
RW 1	1W	50V	±0.5(D) ±1.0(F) ±2.0(G) ±5.0(J)	0.1~1kΩ	0.1~0.5kΩ	±0.10(B) ±0.25(C)	± 5 ppm/°C ± 10 ppm/°C ± 25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

**■ 특 성 CHARACTERISTICS**

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

**■ 전력경감곡선 DERATING CURVE**

**■ 주문방법 HOW TO ORDER**



<u>RW</u>	<u>5W(N)</u>	<u>50Ω</u>	<u>F</u>
1	2	3	4

1. 형명 Type
2. 정격전력 Rated Wattage(무유도 Non-Inductive)
3. 저항치 Resistance
4. 허용오차 Tolerance