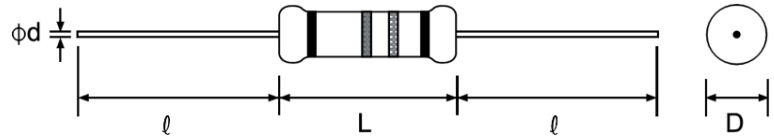




■ 치 수 DIMENSIONS

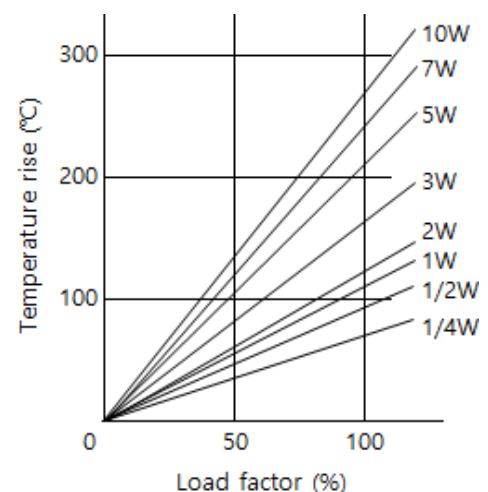
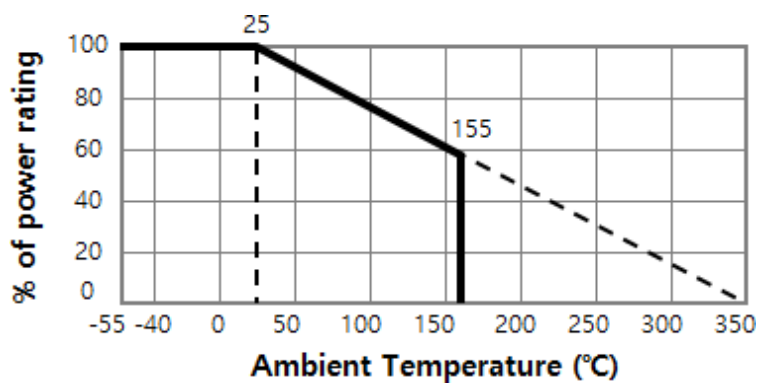


형 명 Type	치 수 Dimensions [mm]			
	D ±0.8	L ±1.5	d ±0.05	l ±2
RWS 1W	3.5	9	0.67	37
RW 1W, RWS 2W	4	11	0.67	37
RW 2W, 3W, RWS 5W	5.5	15	0.77	35
RW 5W, 7W	8.52	24.5	0.8	32
RWS 10W	8.52	39.2	0.8	35
RWL 10W(14W)	10.5	46.2	1.0	33

■ 일반규격 GENERAL SPECIFICATIONS

형 명 Type	정격전력 Rated Wattage	최고사용전압 Max. Working Voltage(V)	저항치범위 Resistance Range(Ω)		온도계수 T.C.R	저항치허용차 Resistance Tolerance
			유도 W*	무유도 N**		
RWS 1W	1W	50	0.05~3K	0.05~1.5K	±90ppm/°C ~ ±350ppm/°C	±1.0% (F) ±2.0% (G) ±5.0% (J)
RW 1W	1W	50	0.05~10K	0.05~4K		
RWS 2W	2W	100	0.05~10K	0.05~4K		
RW 2W	2W	100	0.1~47K	0.05~40K		
RW 3W	3W	200	0.1~47K	0.05~40K	Special Order ±5 ppm/°C ±10 ppm/°C ±25 ppm/°C	Special Order ±0.01% (T) ±0.05% (A) ±0.10% (B) ±0.25% (C) ±0.50% (D)
RWS 5W	5W	450	0.1~47K	0.05~40K		
RW 5W	5W	450	0.5~100K	0.1~50K		
RW 7W	7W	500	0.5~150K	0.1~50K		
RWS 10W	10W	700	0.5~150K	0.1~50K		
RWL 10W	14W	800	0.5~200K	0.1~70K		

■ DERATING CURVE & TEMPERATURE RISE CURVE



■ 특 성 CHARACTERISTICS

TEST	Conditions	Test method
1. 사용온도범위 Operating Temp. Range	-55°C ~ +275°C	-
2. 절연저항 Insulation Resistance	1000MΩ Min	DC500V, 1minute
3. 내전압 Dielectric Withstanding Voltage	±[0.1% + 0.05Ω]	500VAC for 1minute
4. 고온노출 High Temperature Exposure	±[2.0% + 0.05Ω]	No Load 275°C for 2hours
5. 저온환경 Low Temperature Storage	±[2.0% + 0.05Ω]	-65°C for 24hours / 25°C for 2hours
6. 납땜성 Solderability	95% coverage minimum	260°C ±5°C for 5 seconds
7. 단시간과부하 Short Time Overload	±[2.0% + 0.05Ω]	1~3W : 5×Power rating 5seconds 5~10W : 10×Power rating 5seconds
8. 단자강도 Terminal Strength	No mechanical damages	Direct load : 4.5kg for 10seconds Bending test : 2 cycles
9. 부하수명 Load Life	±[3.0% + 0.05Ω]	25°C, Power rating 90minutes on, 30minutes off, 1000hours
10. 내습부하수명 Load Life in Humidity	±[3.0% + 0.05Ω]	40°C, 90~95%RH, 0.1×Power rating, 90minutes on, 30minutes off, 1000hours
11. 온도충격 Thermal Shock	±[2.0% + 0.05Ω]	-55°C[30minutes], 25°C[5minutes], 125°C[30minutes], 25°C[30minutes], 5cycles

■ 주문방법 HOW TO ORDER

RW

1

2W

2

J

3

OR22

4

TC

5

1. 형 명 Type (RW : Normal Size, RWS : Mini Size)

2. 정격전력 및 권선형 Rated Wattage & Wound Style

(W : 유도 권선 Inductively wound, N : 무유도 권선 Non-Inductively wound)

3. 허용오차 Tolerance

4. 저항치 Resistance (OR01=0.01, OR1=0.1, 1K1=1.1KΩ)

5. 2차 가공 Shape (TB:52mm, TC:64mm, RT=Radial Taping, PS=Bulk)