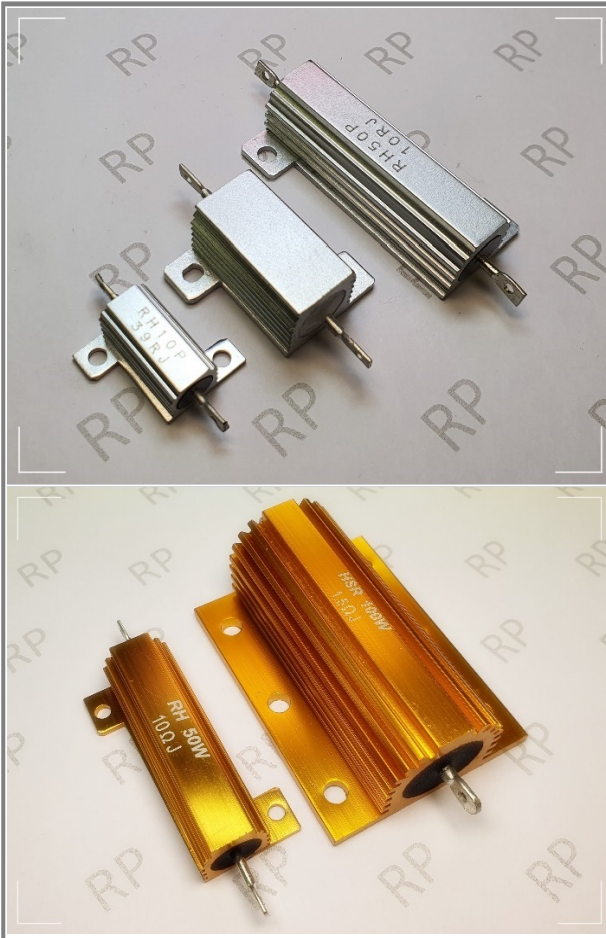




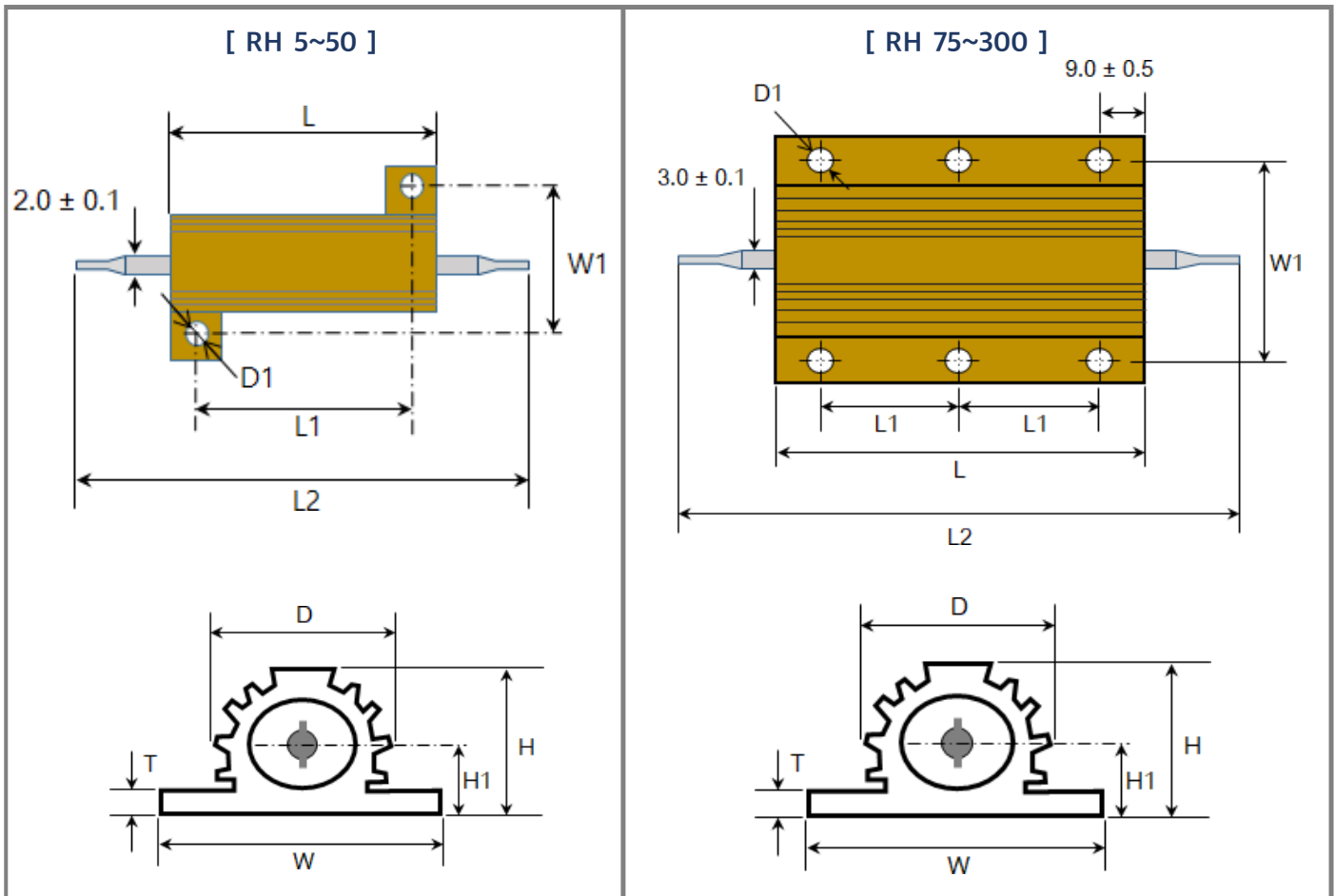
■ 특 징 FEATURES

1. 단시간 과부하 특성이 우수하다.
Excellent short time overload.
2. 고온에서 기계적 강도가 우수하다.
Excellent mechanical thermal strength at a high temperature.
3. 안정된 부하 수명 특성
Excellent long time stability.
4. 내습, 내압, 내진, 내약품성, 절연성이 우수하다.
Excellent Electrical requirment.
5. 유도형, 무유도형 권선이 가능
Avaible inductive type, None inductive type

■ 일반규격 GENERAL SPECIFICATIONS

구분	Power rating on std. Heatsink @25°C	Power rating with no Heatsink @25°C	Resistance Range	Max. Working Voltage	Dielectric Strength Voltage	Standard Heatsink	
						cm ²	Thickness (mm)
RH 5	5W	2W	0R02~5K	120	500	415	1
RH 10	10W	5W	0R02~10K	245	1500	415	1
RH 25	25W	8W	0R02~25K	500	1500	535	1
RH 50	50W	10W	0R05~50K	1250	2500	535	1
RH 75	75W	20W	0R05~50K	1400	4500	995	3
RH 100	100W	25W	0R05~50K	1900	4500	995	3
RH 150	150W	35W	0R05~70K	1900	4500	995	3
RH 200	200W	45W	0R05~70K	1900	5000	3750	3
RH 250	250W	50W	0R05~70K	2200	5000	4765	3
RH 300	300W	55W	0R05~70K	2200	5000	5780	3

■ 치 수 DIMENSIONS

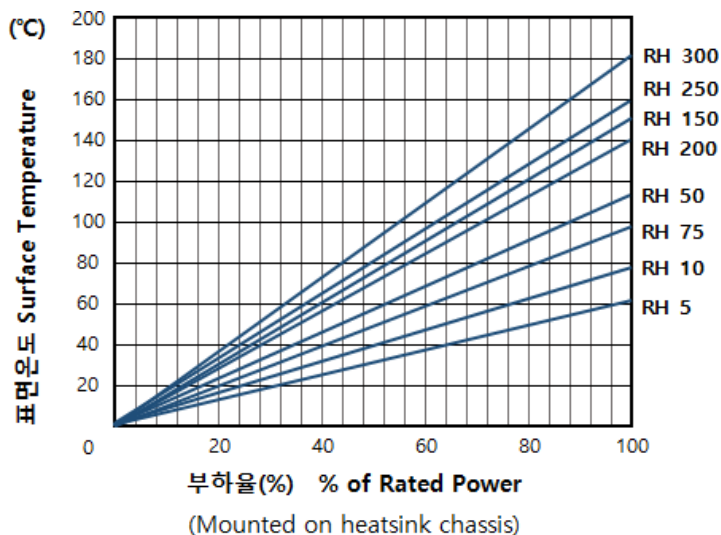


구 분	DIMENSIONS(mm)									
	L±1.0	L1±1	L2±2	W±1	W1±1	H±1	H1±1	D±1	T±0.3	D1±0.3
RH 5	16	11.3	27	16.5	12.5	9	4	8.5	1.5	Φ2.3
RH 10	20	14.3	36.5	22	15.9	10.5	5.3	10	1.5	Φ3.2
RH 25	27	18.5	49	29	21	16	8	14	1.85	Φ3.2
RH 50	50	40	75	29	21.5	15.5	7.3	14.5	1.85	Φ3.5
RH 75	49	29	72	48	37	26	11.5	27	3.5	Φ4.8
RH 100	66	24	88	48	37	26	11.5	27	3.5	Φ4.8
RH 150	98	29	121	48	37	26	11.5	27	3.5	Φ4.8
RH 200	90	35	146	72.5	57.2	42	20.5	45	5	Φ5.5
RH 250	110	45	167	72.5	57.2	42	20.5	45	5	Φ5.5
RH 300	128	52	185	72.5	59	42	20.5	45	5	Φ6.5

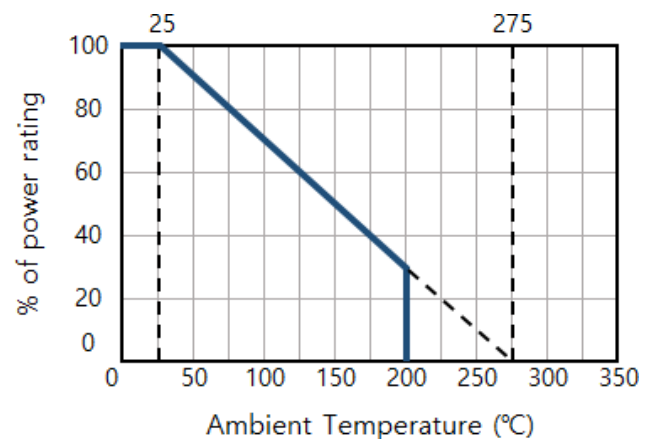
특 성 CHARACTERISTICS

항 목 ITEM	조 건 Conditions	시험방법 Test method
1. 사용온도범위 Operating Temp. Range	-55°C ~ +200°C	-
2. 절연저항 Insulation Resistance	1000MΩ Min	DC500V, 1minute
3. 내전압 Dielectric Withstanding Voltage	±[0.5% + 0.05Ω]	500VAC, 1500VAC for 1minute
4. 온도계수 Temperature coefficient	Special ±30, ±50ppm/°C General ±260ppm/°C	TCR= $\frac{(R_2 - R_1) \times 10^6}{R_1 \times (t_2 - t_1)}$ t ₁ :25°C, t ₂ :125°C R ₁ :Ω at t ₁ , R ₂ :Ω at t ₂
5. 단시간과부하 Short Time Overload	±[2.0% + 0.05Ω]	5×Power rating 5seconds
6. 내열성 Heat Resistance	±[1.0% + 0.05Ω]	275 ±5°C for 2hours
7. 내습부하수명 Load Life in Humidity	±[3.0% + 0.05Ω]	40°C, 90~95%RH, 0.1×Power rating, 90minutes on, 30minutes off, 1000hours
8. 부하수명 Load Life	±[3.0% + 0.05Ω]	25°C, Power rating 90minutes on, 30minutes off, 1000hours (With heatsink mounted)
9. 내진성 Vibration	±[0.5% + 0.05Ω]	X-2hours, Y-2hours

온도상승곡선 TEMPERATURE RISE CURVE



전력경감곡선 DERATING CURVE



사용상 주의사항 NOTES

- 이 저항기는 샤시 취부형으로 설계되어 있기 때문에 다음사항을 준수하여 주시기 바랍니다.
 - 저항기를 샤시에 완전히 밀착고정하기 위해, 취부표면에 요철이 없이 매끄러워야 합니다.
 - 샤시와 저항기 취부면에는 방열컴파운드 같은 열 전도가 좋은것을 균일하게 도포해 주시기 바랍니다.
- This RH series is designed for chassis mounting style and note the followings.
 - In order to mount the resistor tightly to chassis, mounting surface should be completely smooth.
 - On the mounting surface, paint flatly the well temperature conductive material like the radiant heat.

■ 주문방법 HOW TO ORDER

RH	50W(N)	J	0R22	TC
1	2	3	4	5

1. 형 명 Type : RH 50W(권선형 유도권선 Inductively wound)
RH 50N(권선형 무유도 권선 Non-Inductively wound)
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 (0R01=0.01, 0R1=0.1, 1K1=1.1K Ω)
5. 2차 가공 Shape (TB:52mm, TC:64mm, RT=Radial Taping, PS=Bulk)