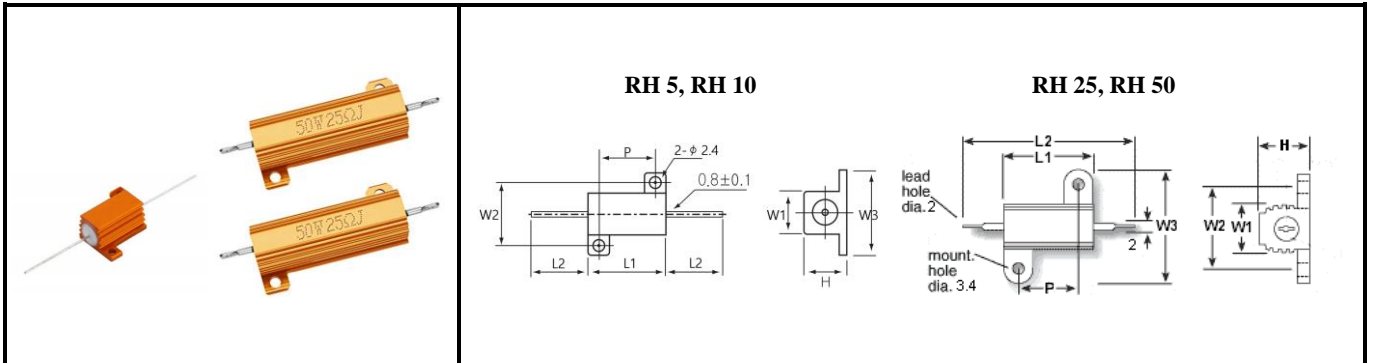


# RH 알미늄몰드저항기 ALUMINUM HOUSED RESISTORS

## 특징 FEATURES

알루미늄 케이스에 권선저항기가 몰드된 구조이므로 기계적 강도가 우수하며, 주위환경에 완벽한 보호를 받아 내습성 뛰어나고, 소형이면서도 **Heat-sink** 를 적절히 이용하여 대전력에 사용 할 수 있도록 설계되어있다.



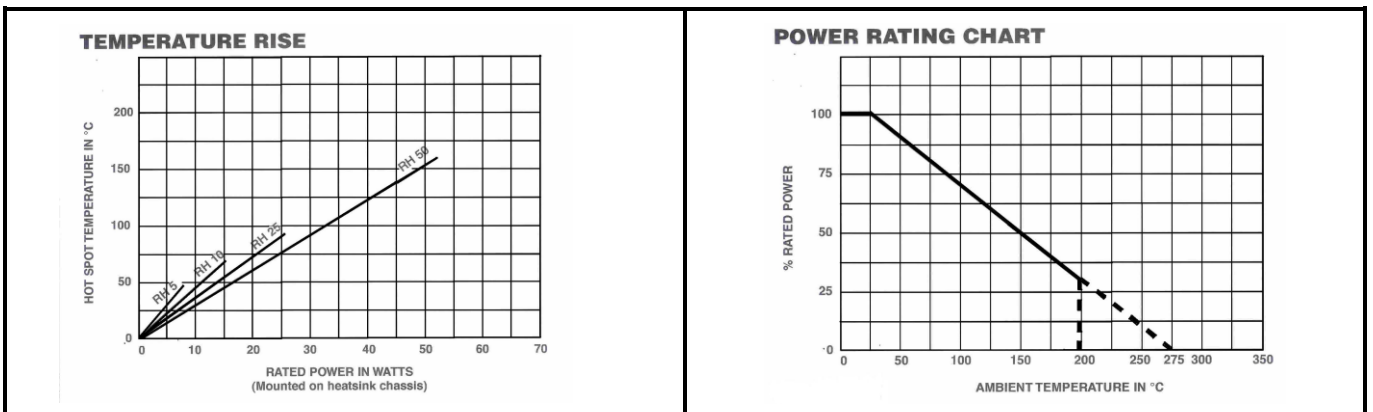
## 일반규격 및 차분 GENERAL SPECIFICATIONS & DIMENSIONS

형 명 Type	정격전력 Rated Wattage		저항치범위 Resistance Range		차분 Dimensions [mm]						
	@25°C	@70°C	Inductive	Non-Inductive	L1±1	L2±5	W1±0.5	W2±0.5	W3±1	H±0.5	P±0.8
RH 5	5W	3W	0.05 ~ 3kΩ	0.05 ~ 1kΩ	15.3	27	8.5	12.5	16.4	9	11.3
RH 10	10W	6W	0.05 ~ 6kΩ	0.05 ~ 2.5kΩ	19	27	11.2	15.9	20	10.5	14.3
RH 25	25W	20W	0.05 ~ 25kΩ	0.05 ~ 10kΩ	27	49.4	14	20	30	16	18.5
RH 50	50W	30W	0.05 ~ 50kΩ	0.05 ~ 20kΩ	50	70.8	14	20	30	16	39

## 특성 CHARACTERISTICS

Test	Conditions & Test method	
1.저항치오차 Resistance Tolerance	±5%, ±2%, ±1%, ±0.5%	
2.사용온도범위 Operating Temp. Range	-55°C~ +200°C	
3. 온도계수 Temperature coefficient	±260ppm/°C Maximum	
4. 절연저항 Insulation Resistance	1000MΩ Minimum	
5. 최고사용전압 Max. Working Voltage	(P×R) <sup>1/2</sup>	
6. 내전압 Dielectric Withstanding Voltage	±0.2%	AC500V: RH-5, AC1000V: RH-10, RH25, AC2000V: RH-50
7. 단시간과부하 Short Time Overload	±0.5%	5×wattage rating for 5seconds
8. 내구성 Load Life	±3.0%	Wattage rating 1.5hrs.-on, 30min-off, 1000hrs.
9. 내습성 Moisture Resistance	±0.2%	40°C, 95%RH, 0.1×wattage rating, 1.5hrs.-on, 30min-off, 500hrs
10. 열충격 Thermal Shock	±0.5%	Wattage rating 30minutes, -55°C 15~30 minutes

## 온도상승곡선 TEMPERATURE RISE CURVE ■ 전력경감곡선 DERATING CURVE



\*Heat-sink size: RH-5, RH-10 (152×102×51×1.0t), RH-25 (178×127×51×1.0t), RH-50 (305×305×1.5t)