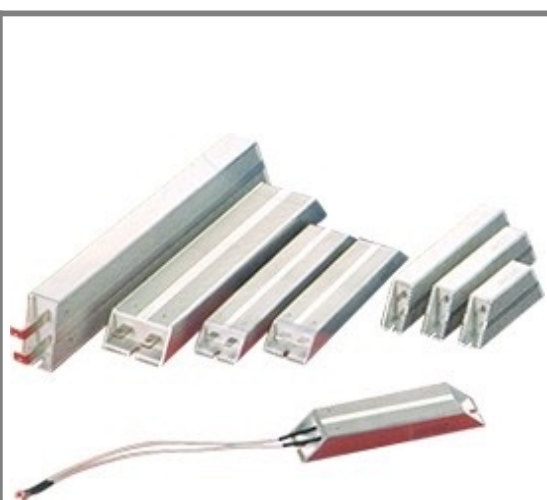
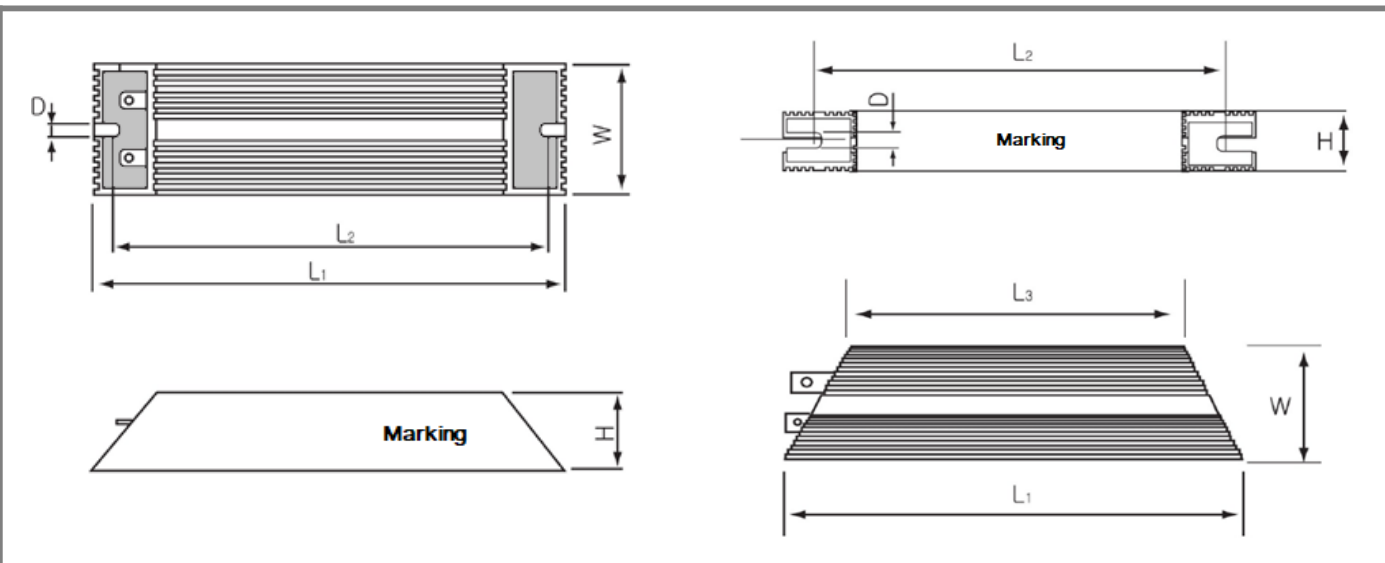




■ 일반규격 GENERAL SPECIFICATIONS

형 명 TYPE	RATED POWER		Resistance Range(Ω)		Resistance Tolerance
	With Heatsink	In Free Air	Inductive	Non-Inductive	
IRH, IRV 60	60W	50W	0.1~1K	0.1~56	$\pm 0.5\%$ (D) $\pm 1.0\%$ (F) $\pm 2.0\%$ (G) $\pm 5.0\%$ (J) $\pm 10\%$ (K)
IRH, IRV 80	80W	64W	0.1~1K	0.1~110	
IRH, IRV 100	100W	80W	0.1~1.1K	0.1~240	
IRH, IRV 120	120W	96W	0.1~1.3K	0.1~300	
IRH, IRV 150	150W	120W	0.1~1.6K	0.1~390	
IRH, IRV 200	200W	140W	0.1~2.2K	0.1~1.0K	
IRH, IRV 300	300W	210W	0.1~2.7K	0.1~1.5K	
IRH, IRV 400	400W	240W	0.1~4.3K	0.1~2.2K	
IRH, IRV 500	500W	300W	0.1~6.8K	0.1~3.0K	

■ 치 수 DIMENSIONS



구 분	치 수 DIMENSIONS(mm)						Weight[g] $\pm 10\%$	
	L1 ± 2	L2 ± 2	L3 ± 2	W ± 1	H ± 1	D ± 0.5	IRH	IRV
IRH, IRV 60	100	87	60	41	22	4.3	110	113
IRH, IRV 80	150	137	110	41	22	4.3	195	189
IRH, IRV 100	165	152	125	41	22	4.3	216	215
IRH, IRV 120	182	169	142	41	22	4.3	245	241
IRH, IRV 150	210	197	170	41	22	4.3	283	290
IRH, IRV 200	165	146	125	60	30	5.3	485	447
IRH, IRV 300	215	196	175	60	30	5.3	600	600
IRH, IRV 400	265	246	225	60	30	5.3	770	780
IRH, IRV 500	335	316	295	60	30	5.3	990	980

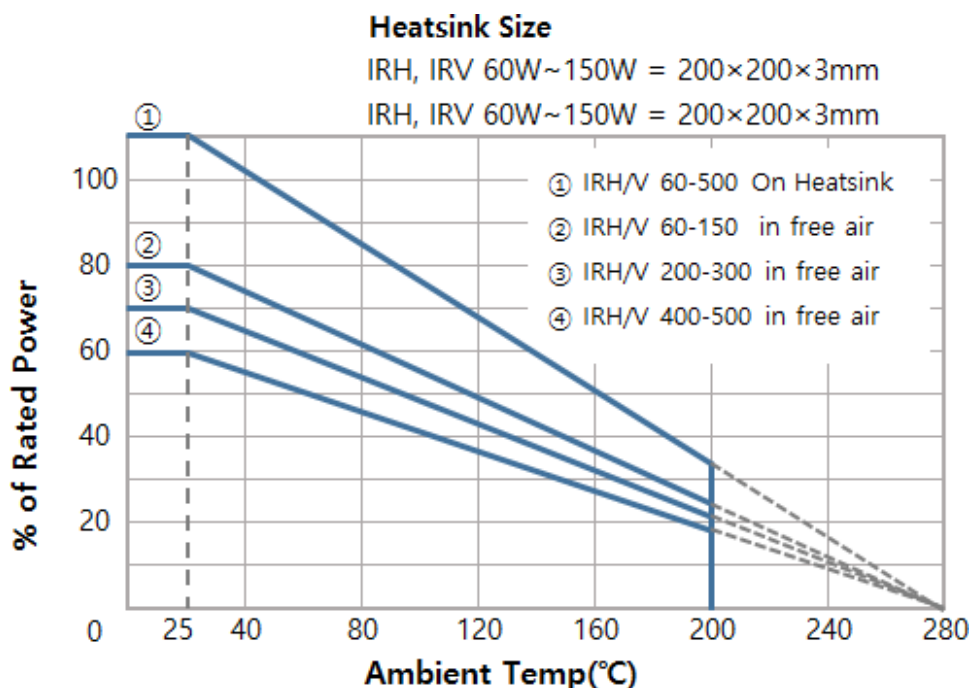
■ 단자전선규격 FLYING LEADS

형 명 TYPE	8mm ²	5.5mm ²	2mm ²	1.25mm ²
IRH, IRV 60~150	×	×	0.1Ω~ 0.99Ω	1Ω~
IRH, IRV 200~500	0.1Ω~ 0.99Ω	1Ω~ 4.99Ω	5Ω~	×

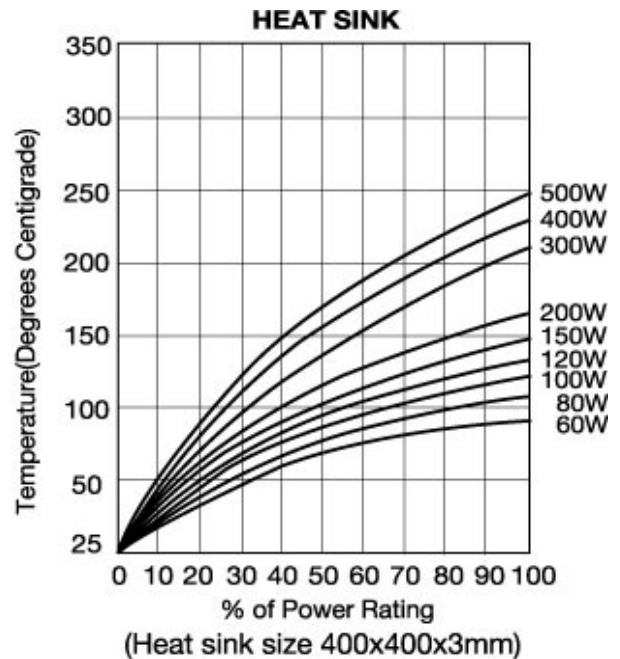
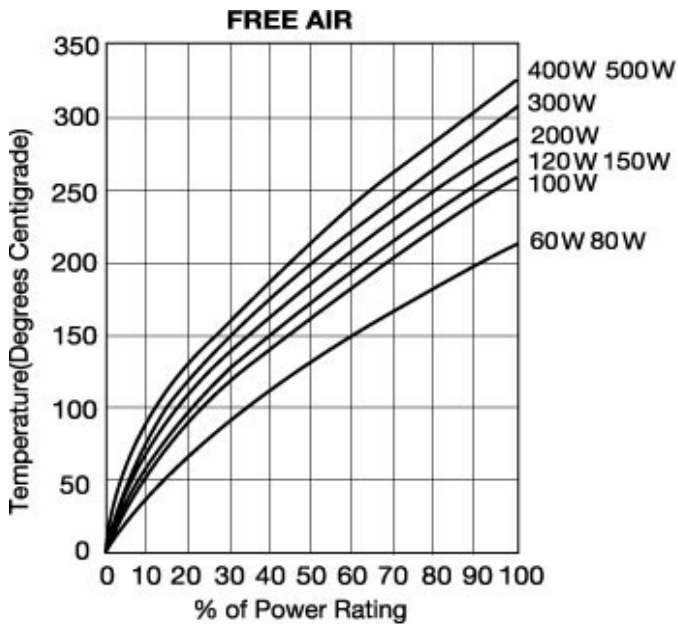
■ 특 성 CHARACTERISTICS

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, 1 minute
3. 내전압 Dielectric Withstanding Voltage	±[0.5% + 0.05Ω]	1500VAC, 2500VAC for 1minute
4. 온도계수 Temperature coefficient	MAX ±260ppm/°C	$TCR = \frac{(R_2 - R_1) \times 10^6}{R_1 \times (t_2 - t_1)}$ $t_1: 25^\circ\text{C}, t_2: 125^\circ\text{C}$ $R_1: \Omega \text{ at } t_1, R_2: \Omega \text{ at } t_2$
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, 500hours
8. 부하수명 Load Life	±[5.0% + 0.05Ω]	25°C, Power rating 90minutes on, 30minutes off, 500hours (With heatsink mounted)
9. 내진성 Vibration	±[1.0% + 0.05Ω]	10Hz - 55Hz - 10Hz (1 min), 2hrs. each direction

■ 전력 경감곡선 POWER DERATING CURVE



■ 온도상승곡선 TEMPERATURE RISE CURVE



A mid-point bracket is required for 150W, 300W, 400, 500W models to ensure sufficient contact with the heat sink.

■ 주문방법 HOW TO ORDER

IRH,IRV	60W(N)	J	0R22	TC
1	2	3	4	5

1. 형 명 Type : IRH, IRV 60W(권선형 유도권선 Inductively wound)
IRH, IRV 60N(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)