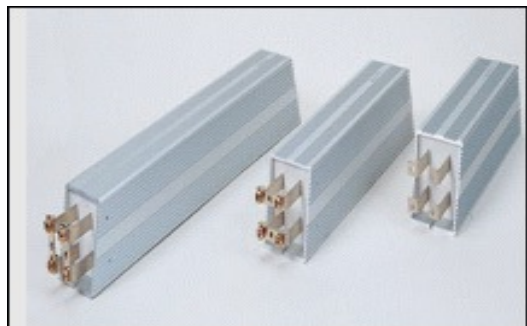
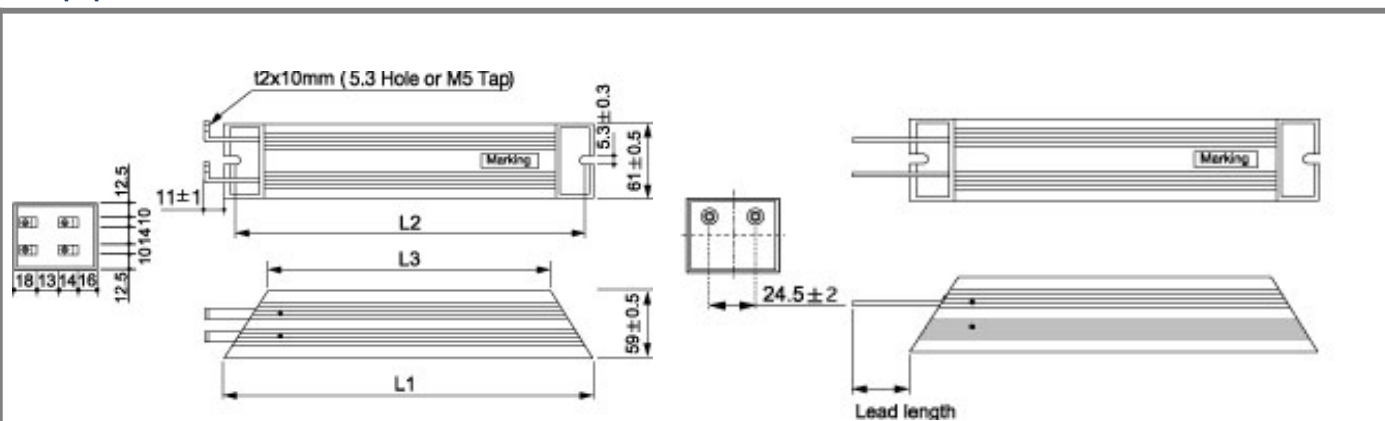




■ 일반규격 GENERAL SPECIFICATIONS

형 명 TYPE	RATED POWER		Resistance Range(Ω)		Resistance Tolerance
	With Heatsink	In Free Air	Inductive	Non- Inductive	
IRV 600	600W	330W	0.1~94	0.1~21	$\pm 0.5\%(D)$ $\pm 1.0\%(F)$ $\pm 2.0\%(G)$ $\pm 5.0\%(J)$ $\pm 10\%(K)$
IRV 800	800W	360W	0.1~112	0.1~29	
IRV 1000	1000W	400W	0.1~140	0.1~36	
IRV 1200	1200W	480W	0.1~160	0.1~48	
IRV 1600	1600W	590W	0.1~200	0.1~55	
IRV 1800	1800W	620W	0.1~250	0.1~60	
IRV 2000	2000W	660W	0.1~250	0.1~60	

■ 치 수 DIMENSIONS



구 분	치 수 DIMENSIONS(mm)			Weight[g] $\pm 10\%$
	L1 ± 2	L2 ± 2	L3 ± 2	
IRV 600	235	216	195	1165
IRV 800	285	266	245	1500
IRV 1000	335	316	295	1835
IRV 1200	405	386	365	2304
IRV 1600	430	405	390	
IRV 1800	450	422	410	
IRV 2000	510	491	470	

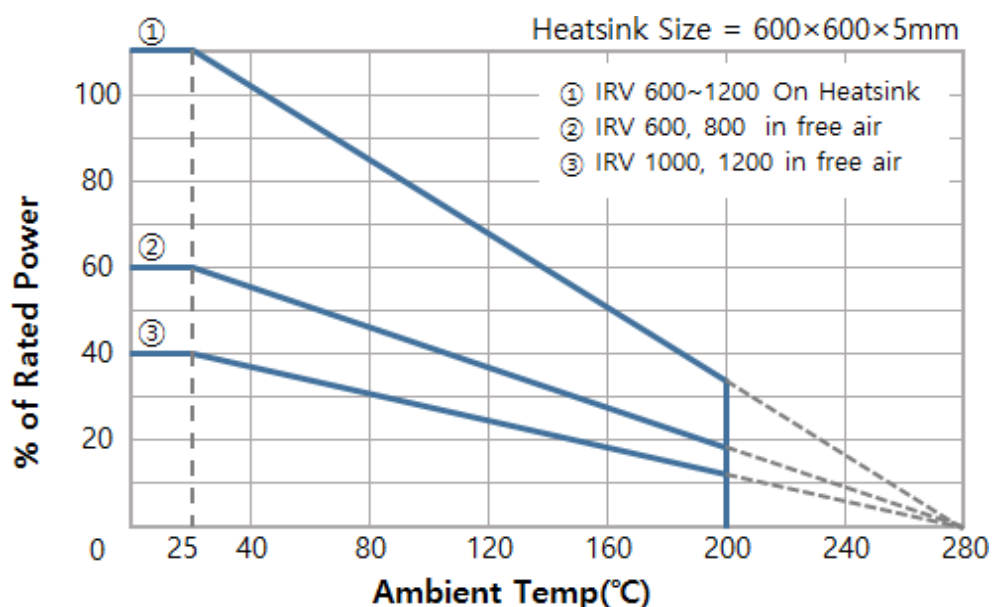
■ 단자전선규격 FLYING LEADS

형 명 TYPE	8mm ²	5.5mm ²	2mm ²
IRV 600~2000	0.1 Ω ~ 0.99 Ω	1 Ω ~ 4.99 Ω	5 Ω ~

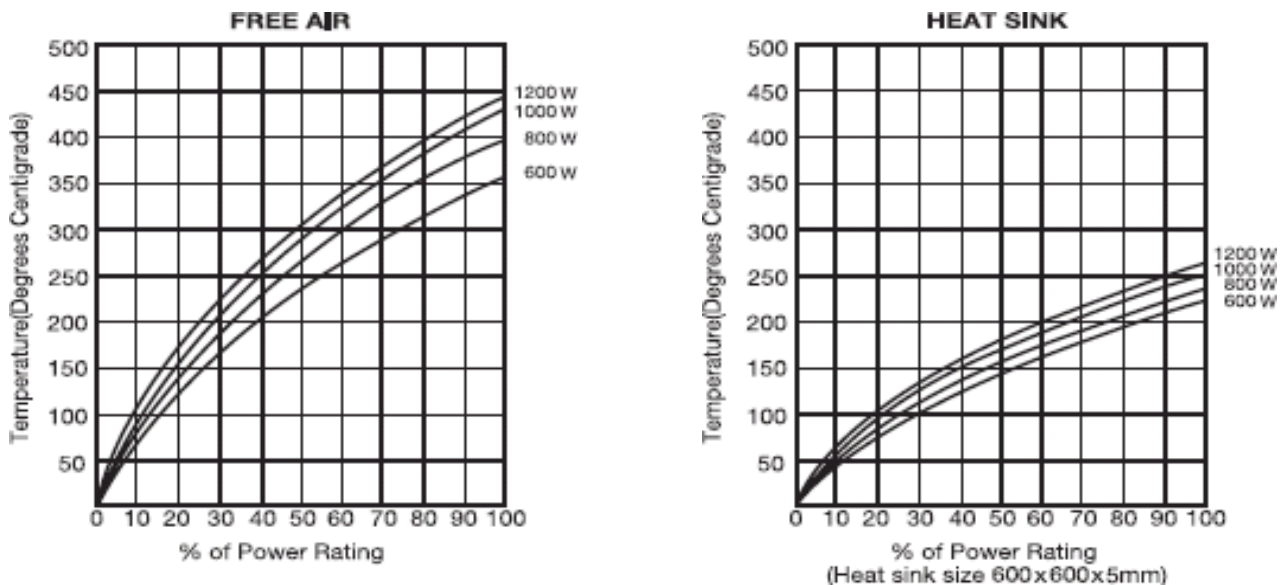
특 성 CHARACTERISTICS

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]	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 (1min), 2hrs. each direction

전력 경감곡선 POWER DERATING CURVE



온도상승곡선 TEMPERATURE RISE CURVE



A mid-point bracket is required for 600~1200W models to ensure sufficient contact with the heat sink.

주문방법 HOW TO ORDER

IRV	600W(N)	J	0R22	TC
1	2	3	4	5

1. 형 명 Type : IRV 600W(권선형 유도권선 Inductively wound)
IRV 600N(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=1.1KΩ)
5. 2차 가공 Shape (TB:52mm, TC:64mm, RT=Radial Taping, PS=Bulk)