

IRH, IRV


METAL-CLAD RESISTORS

FEATURES

Heat-sink

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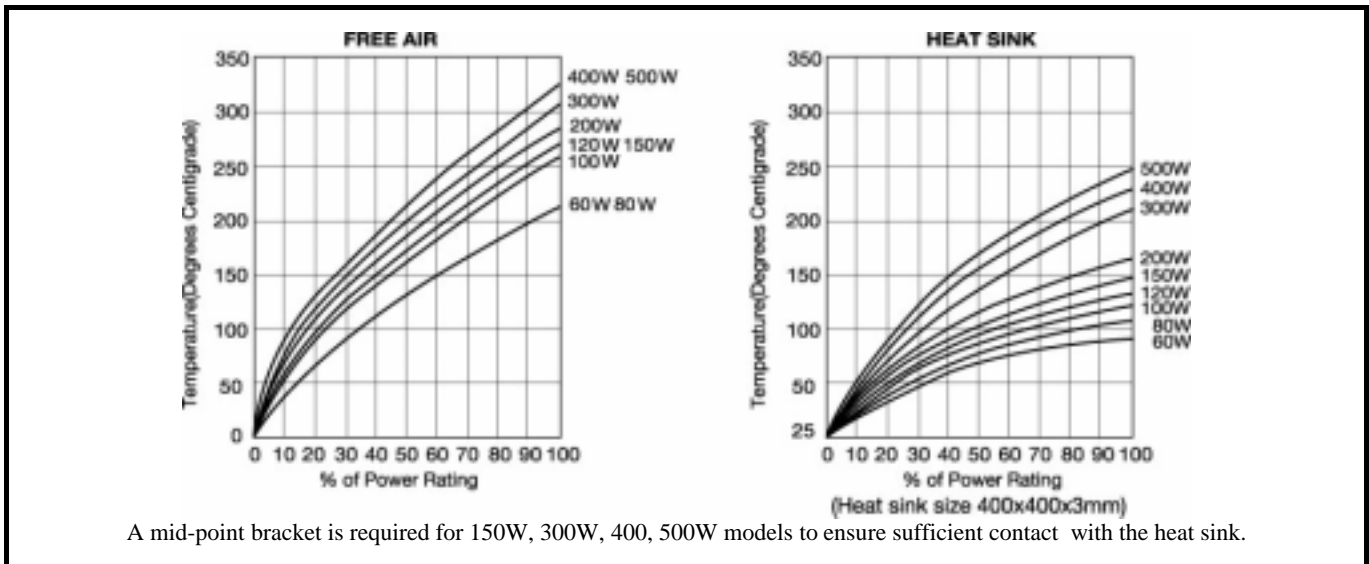
GENERAL SPECIFICATIONS

	Type	Rated Wattage	Resistance Range		Resistance Tolerance
			Inductive	Non-Inductive	
	IRH, IRV60	60W	0.1~270	0.1~56	±0.5(D) ±1.0(F) ±2.0(G) ±5.0(J) ±10(K)
	IRH, IRV80	80W	0.1~910	0.1~110	
	IRH, IRV100	100W	0.1~1.1K	0.1~240	
	IRH, IRV120	120W	0.1~1.3K	0.1~300	
	IRH, IRV150	150W	0.1~1.6K	0.1~390	
	IRH, IRV200	200W	0.1~2.2K	0.1~1.0K	
	IRH, IRV300	300W	0.1~2.7K	0.1~1.5K	
	IRH, IRV400	400W	0.1~4.3K	0.1~2.2K	
IRH, IRV500	500W	0.1~6.8K	0.1~3.0K		

CHARACTERISTICS

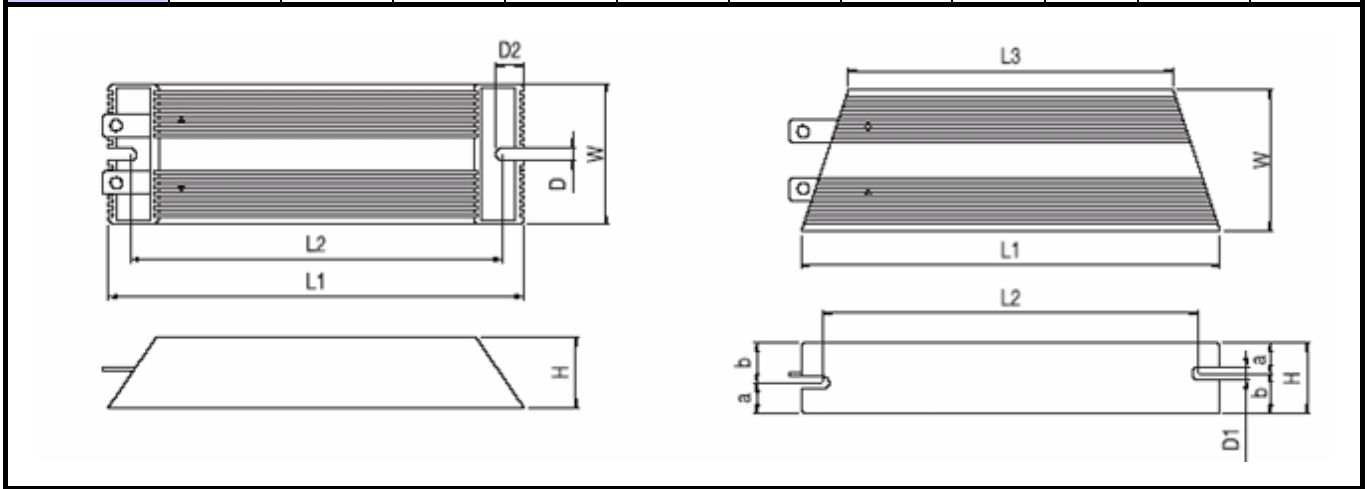
Test	Conditions & Test method	
1. Operating Temp. Range	-55°C~ +200°C	
2. Insulation Resistance	20M Minimum	
3. Dielectric Strength	Available options: AC1500V, AC2500V, 3500V, 4500V, 5400V (Max. leakage current: 2mA)	
4. Temperature coefficient	± 260ppm/°C Maximum	
5. Short Time Overload	± [2.0% + 0.05]	5×wattage rating for 5seconds ²
6. Moisture Resistance	± [3.0% + 0.05]	40°C, 95%RH, DC100V case to terminal (500hrs)
7. Thermal Shock	± [2.0% + 0.05]	Wattage rating 30minutes, -25°C 15 minutes
8. Vibration	± [1.0% + 0.05]	10Hz - 55Hz - 10Hz (1min), 2hrs. each direction.
9. Moisture Load Life	± [3.0% + 0.05]	40°C, 95%RH, 0.1×wattage rating. 1.5hrs.-on, 30min-off, 500hrs
10. Load Life	± [5.0% + 0.05]	Wattage rating 1.5hrs.-on, 30min-off, 500hrs

TEMPERATURE RISE CURVE



DIMENSIONS

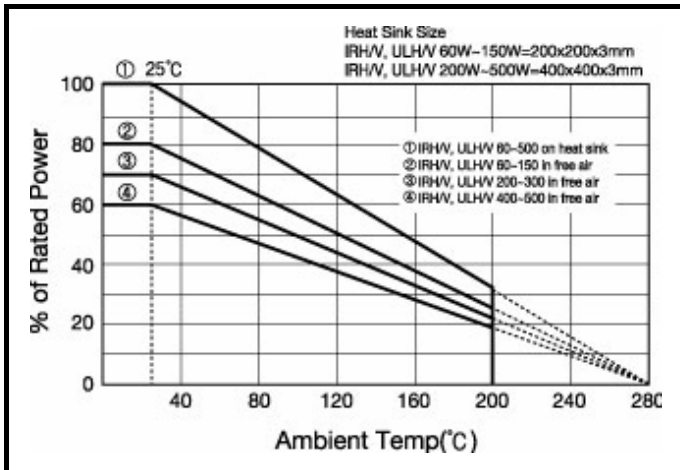
Type	Dimensions [mm]									Weight[g]	
	L1±2	L2±2	L3±2	W±0.5	H±0.5	D1±0.3	D2±0.3	a	b	IRH	IRV
IRH, IRV60	100	87	60	41	22	4.3	8.65	10	12	110	113
IRH, IRV80	150	137	110	41	22	4.3	8.65	10	12	195	189
IRH, IRV100	165	152	125	41	22	4.3	8.65	10	12	216	215
IRH, IRV120	182	169	142	41	22	4.3	8.65	10	12	245	241
IRH, IRV150	210	197	170	41	22	4.3	8.65	10	12	283	290
IRH, IRV200	165	146	125	60	30	5.3	12	13	17	485	447
IRH, IRV300	215	196	175	60	30	5.3	12	13	17	600	600
IRH, IRV400	265	246	225	60	30	5.3	12	13	17	770	780
IRH, IRV500	335	316	295	60	30	5.3	12	13	17	990	980



FLYING LEADS

Type	8mm ²	5.5mm ²	2mm ²	1.25mm ²
IRH, IRV 60~150	×	×	0.1 ~ 0.99	1 ~
IRH, IRV 200~500	0.1 ~ 0.99	1 ~ 4.99	5 ~	×

DERATING CURVE



HOW TO ORDER

IRH 500W(N) 50 J 300mm
 1 2 3 4 5()

- Type
- Rated Wattage (Non-Inductive)
- Resistance
- Tolerance
- Flying leads ()