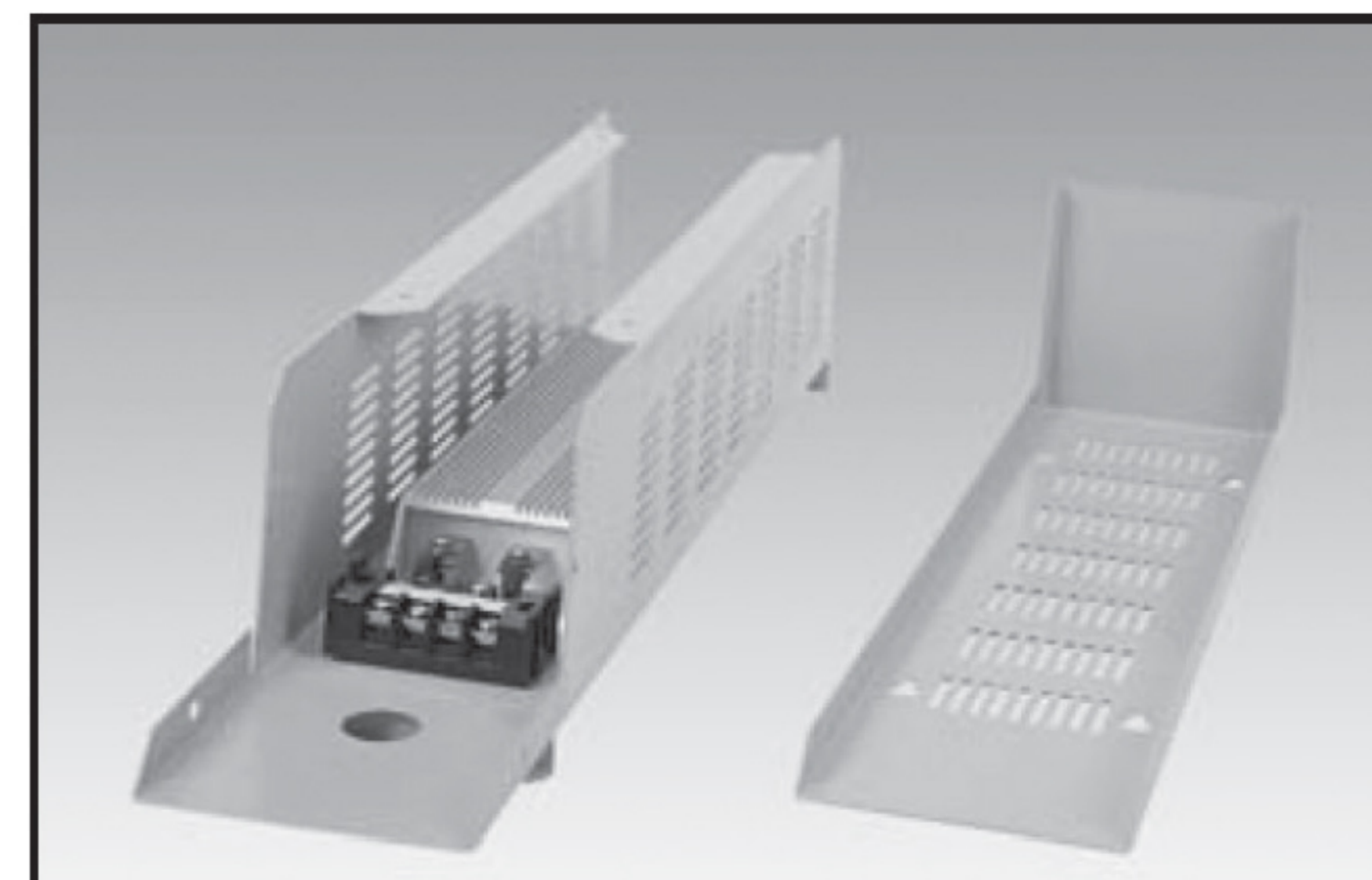


Resistor Assemblies

The RA series of power metal clad, wire wound resistors are designed for use in power inverters. The basis for these models is an IRH or IRV resistor surrounded by a metal case, which conforms to international safety specifications. The steel case is powder coated and baked for durability.

GENERAL SPECIFICATIONS

Model	Resistor Type Inside	Power Rating in Free Air	Resistance Range[Ω]		Resistance Tolerance (%)
			Inductive	Non-Inductive	
RA080	IRH80	80W	0.1 ~ 910	0.1 ~ 110	D [±0.5] F [±1.0] G [±2.0] J [±5.0] K [±10]
RA100	IRH100	90W	0.1 ~ 1.1K	0.1 ~ 240	
RA200	IRH200	140W	0.1 ~ 2.2K	0.1 ~ 1K	
RA300	IRH300	210W	0.1 ~ 2.7K	0.1 ~ 1.5K	
RA400	IRH400	240W	0.1 ~ 4.3K	0.1 ~ 2.2K	
RA500	IRH500	300W	0.1 ~ 6.8K	0.1 ~ 3K	
RA600	IRV600	320W	0.1 ~ 94	0.1 ~ 23	
RA800	IRV800	360W	0.1 ~ 112	0.1 ~ 28	
RA1000	IRV1000	400W	0.1 ~ 140	0.1 ~ 36	
RA1200	IRV1200	420W	0.1 ~ 160	0.1 ~ 48	
RA1600	IRV1600	570W	1.5 ~ 88	0.3 ~ 23	
RA2000	IRV2000	650W	2.0 ~ 113	0.45 ~ 30.5	
RA2400	IRV2400	720W	2.5 ~ 144	0.6 ~ 37	



CHARACTERISTICS

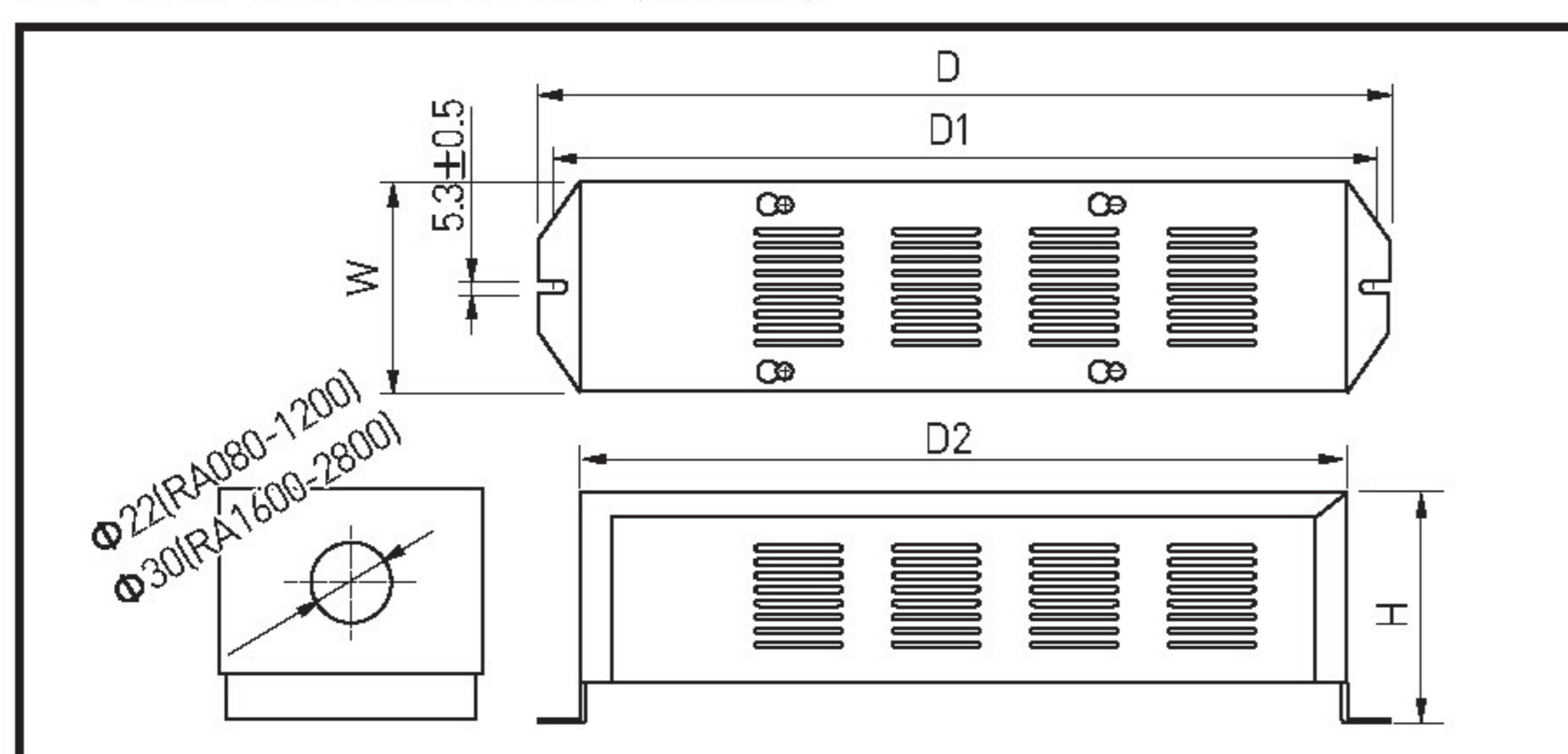
Values in [] mean change in Ω after test

Temperature Range	-55 °C ~ +200 °C	
Insulation Resistance	20MΩ minimum	
Dielectric Withstanding Voltage	Available options: AC1500V, 3500V, 4500V, 5400V(maximum leakage current: 2mA)	
Temp. Coefficient	±260ppm/°C maximum	
Short Time Overload	±[2%+0.05Ω]	10 x Power rating 5 sec.
Moisture Resistance	±[3%+0.05Ω]	40°C, 95% RH, DC100V case to terminal, 500 hours
Thermal Shock	±[2%+0.05Ω]	Power rating 30 minutes, -25 °C 15 minutes

DIMENSIONS [mm]

Model	Weight [g]	Dimensions [mm]				
		W±2	H±2	D±2	D1±2	D2±2
RA080	980	78.5	67	254	240	224
RA100	1000	78.5	67	254	240	224
RA200	2415	94.5	105	440	425	410
RA300	2530	94.5	105	440	425	410
RA400	2700	94.5	105	440	425	410
RA500	2920	94.5	105	440	425	410
RA600	3095	94.5	105	440	425	410
RA800	3430	94.5	105	440	425	410
RA1000	3725	94.5	105	440	425	410
RA1200	4194	94.5	105	510	496	480
RA1600	5900	94.5	147	615	600	584
RA2000	6500	94.5	147	615	600	584
RA2400	7100	94.5	147	615	600	584

DIMENSIONS (mm)



ORDERING PROCEDURE EXAMPLE

