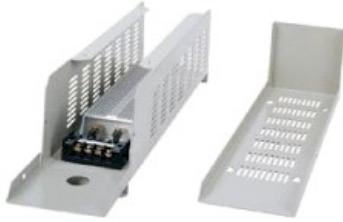


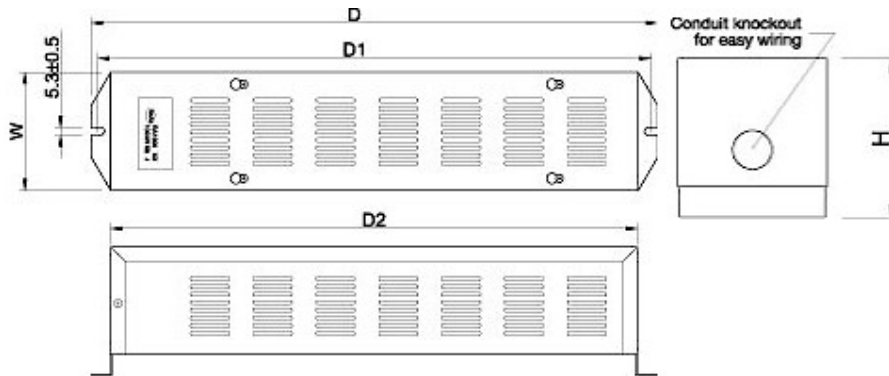
## RA RESISTOR ASSEMBLIES



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.

Model	Resistor Type Inside	Wattage Rating in Free Air	Resistance Range [ohms]		Resistance Tolerance
			Inductive	Non-Inductive	
RA080	IRH80	80	0.1-910	0.1-110	+-0.5(D) +-1.0(F) +-2.0(G) +-5.0(J) +-10(K)
RA100	IRH100	90	0.1-1.1K	0.1-240	
RA200	IRH200	140	0.1-2.2K	0.1-1K	
RA300	IRH300	210	0.1-2.7K	0.1-1.5K	
RA400	IRH400	240	0.1-4.3K	0.1-2.2K	
RA500	IRH500	300	0.1-6.8K	0.1-3K	
RA600	IRV600	320	0.1-94	0.1-23	
RA800	IRV800	360	0.1-112	0.1-28	
RA1000	IRV1000	400	0.1-140	0.1-36	
RA1200	IRV1200	420	0.1-160	0.1-48	
RA1600	IRV1600	570	1.5-88	0.3-23	
RA2000	IRV2000	650	2.0-113	0.45-30.5	
RA2400	IRV2400	710	2.5-144	0.6-37	

### DIMENSIONS



Model	Weight [g]	Dimensions [mm]				
		W+-1.5	H+-1.5	D+-2	D1+-1.5	D2+-2
RA080	980	78.5	67	254	240	224
RA100	1000	78.5	67	254	240	224
RA200	2415	93.5	105	440	426	410
RA300	2530	93.5	105	440	426	410
RA400	2700	93.5	105	440	426	410
RA500	2920	93.5	105	440	426	410
RA600	3095	93.5	105	440	426	410
RA800	3430	93.5	105	440	426	410
RA1000	3725	93.5	105	440	426	410
RA1200	4194	93.5	105	510	426	480
RA1600	5900	93.5	147	615	600	584
RA2000	6500	93.5	147	615	600	584
RA2400	7100	93.5	147	615	600	584



**CHARACTERISTICS**

Values in [ ] mean change in ohms after test

1/Temperature Range		-55 C to +200 C
2/Insulation Resistance		20Mohms minimum
3/Dielectric Strength	Available options: AC1500V, 3500V, 4500V, 5400V;Max. leakage current: 2mA	
4/Temp. Coefficient		+ -260ppm/C maximum
5/Short Time Overload	+ - [2%+0.05ohms]	10Xwattage rating-5seconds
6/Moisture Resistance	+ - [3%+0.05ohms]	40 C, 95% RH, DC100V case to terminal (500hrs.)
7/Thermal Shock	+ - [2%+0.05ohms]	wattage rating 30min., -25 C, 15minutes

**ORDERING PROCEDURE EXAMPLE**

