Tel: 82-32-817-4325
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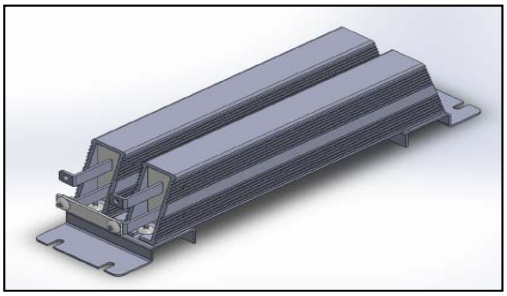
Resistors And
Resistive Applications

RoHS COMPLIANT

Metal Clad Wire Wound Resistor Assemblies

The IRVA models comprise two metal clad wire wound Resistors in series. The resistance value is higher than IRV modes. The most common applications for these models are : Motor drives, Braking, Charging, Discharging for industrial equipment



■ GENERAL SPECIFICATIONS

Model	*Power Rating [W] In Free Air	Resistance Range [Ω]		Resistance Tolerance [%]
		Inductive	Non-Inductive	
IRVA 800	300	120~8.6K	30~4.4K	J [±5] K [±10]
IRVA 1000	375	160~13.6K	40~6K	
IRVA 1200	450	180~15K	50~7.6K	

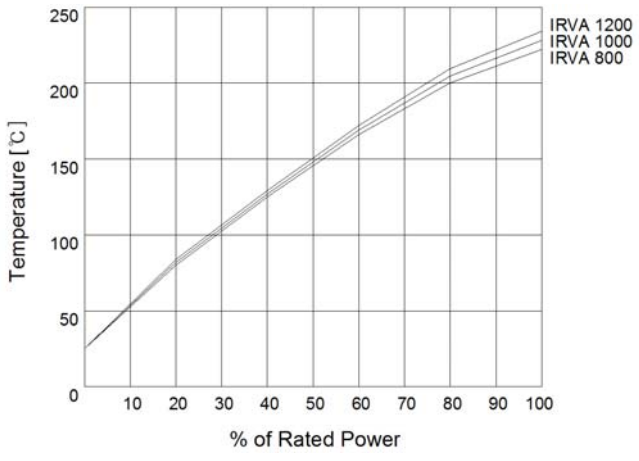
* Surface Temperature : Max. 200°C

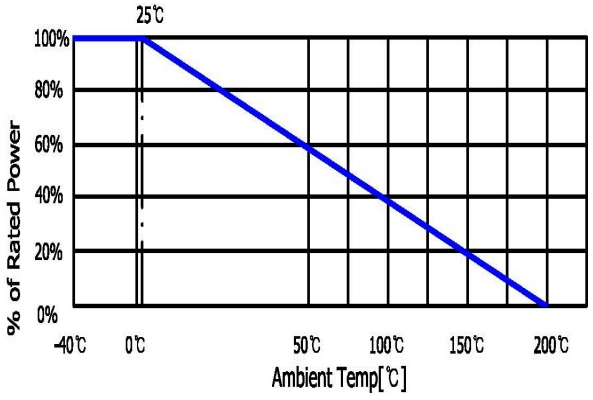
■ CHARACTERISTICS

Values in [ ] mean changed in Ω after test

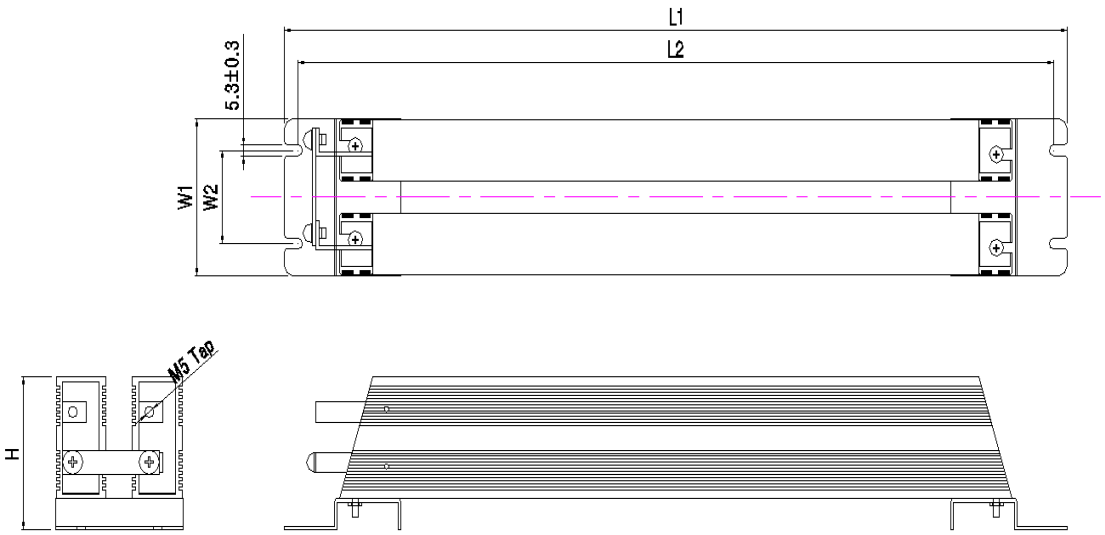
Operation Temperature Range		-55℃~+200℃
Insulation Resistance		20MΩ minimum
Dielectric Withstanding Voltage		Available options : AC1500V, 3500V, 4500V, 5400V for 1min. (Max. leakage current : 2mA)
Temperature Coefficient		±260ppm/℃ maximum
Short Time Overload	±[2%+0.05Ω]	IRVA 800 : 800XPower rating, 5seconds IRVA 1000 : 1000XPower rating, 5seconds IRVA 1200 : 1200XPower rating, 5seconds
Thermal Shock	±[2%+0.05Ω]	Power rating 30minute, -25℃ 15minutes
Moisture Resistance	±[3%+0.05Ω]	40℃, 95% RH, DC100V case to terminal, 500hours
Moisture Load Life	±[3%+0.05Ω]	40℃, 95% RH, 0.1XPower rating 90minutes on, 30minutes off, 500hours
Load Life	±[7%+0.05Ω]	Power rating 90minutes on, 30minutes off, 500hours

■ SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVE





■ DIMENSIONS [mm]



Model	L1±3	L2±3	W1±1	W2±1	H±2
IRVA 800	332	315	77	46	75
IRVA 1000	402	385	77	46	75
IRVA 1200	472	455	77	46	75

■ ORDERING PROCEDURE EXAMPLE