

Metal Clad Wire Wound Resistors

The IRP 300~1200 models are wire wound, metal-clad resistors. These models have an extruded aluminum housing providing strong and rugged protection. The most common applications for these models are : Motor drives, braking and snubber applications, charging for electric vehicles and power sources for industrial equipment.



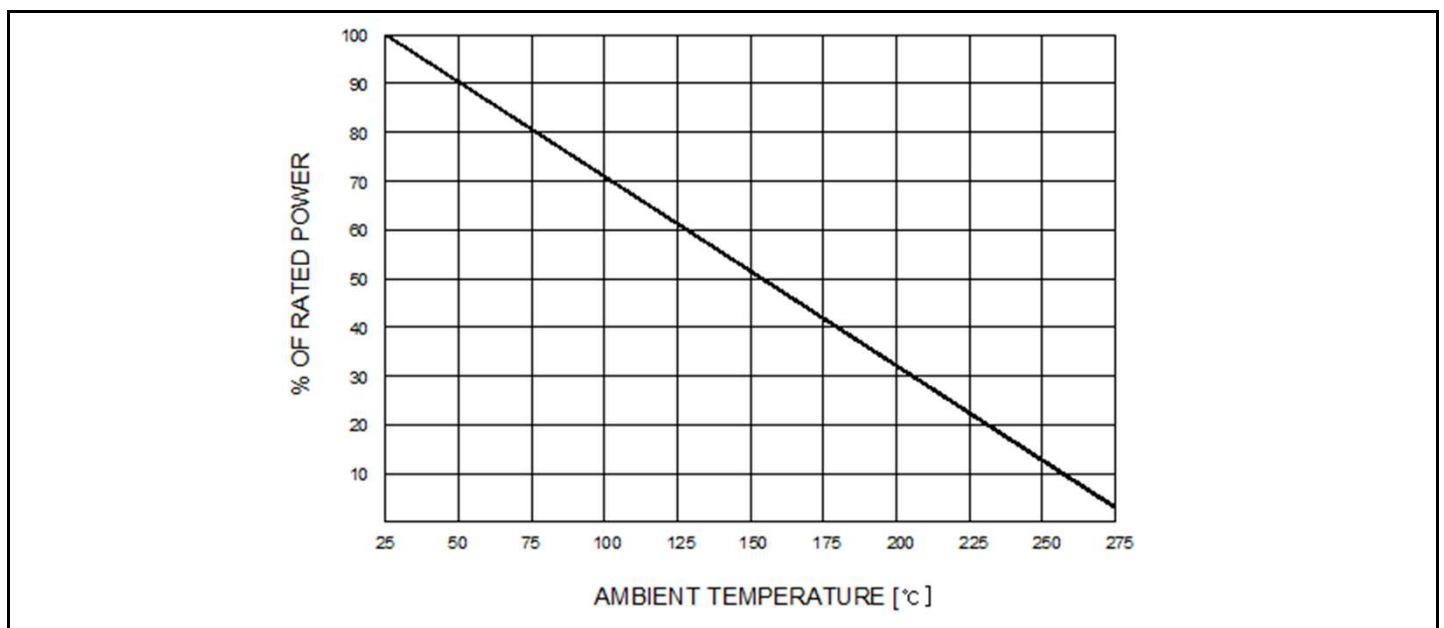
GENERAL SPECIFICATIONS

MODEL	RATED POWER [W] (On Heatsink)	RESISTANCE RANGE [Ω]		TOLERANCE
		INDUCTIVE	NON-INDUCTIVE	
IRP300	300	0.1~500	0.1~200	F [$\pm 1.0\%$] J [$\pm 5.0\%$] K [$\pm 10\%$]
IRP400	400	0.1~600	0.1~300	
IRP600	600	0.1~800	0.1~350	
IRP800	800	0.1~1.0K	0.1~500	
IRP1000	1000	0.1~1.5K	0.1~700	
IRP1200	1200	0.1~2.0K	0.1~1.0K	

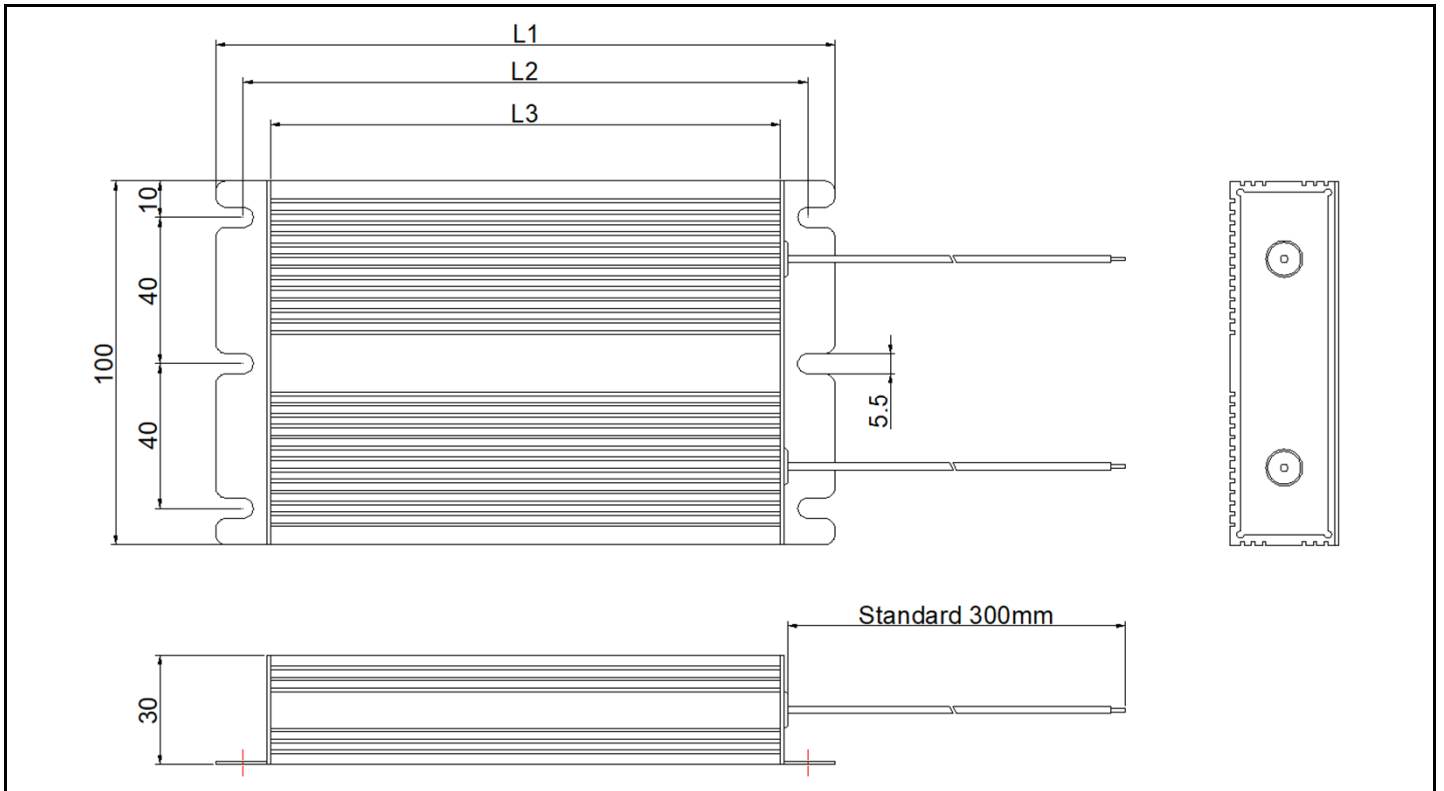
CHARACTERISTICS

TEST	CONDITIONS
DIELECTRIC WITHSTANDING VOLTAGE	AC 2500V for 1minutes (Leakage current : 5mA)
INSULATION RESISTANCE	100M Ω at 500Vdc
HEAT RESISTANCE	$\pm [5\% + 0.05\Omega]$ 180°C, 2hours

DERATING CURVE



DIMENSIONS [mm]



MODEL	L1±1.5	L2±1.5	L3±1.5
IRP300	170	155	140
IRP400	190	175	160
IRP600	220	205	190
IRP800	245	230	215
IRP1000	260	245	230
IRP1200	290	275	260

FLYING LEADS

MODEL	2.5sq
IRP300	0.4 Ω ~
IRP400	0.5 Ω ~
IRP600	0.7 Ω ~
IRP800	0.9 Ω ~
IRP1000	1.2 Ω ~
IRP1200	1.4 Ω ~

ORDERING PROCEDURE EXAMPLE

