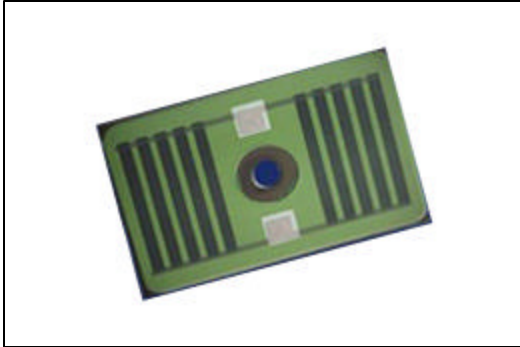


RIMS , Thick Film Non-Inductive Power Resistives on Steel Substrates

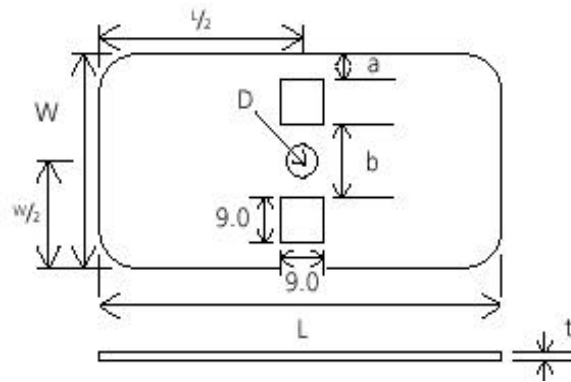


High Power, For Motor & Inverter Resistors

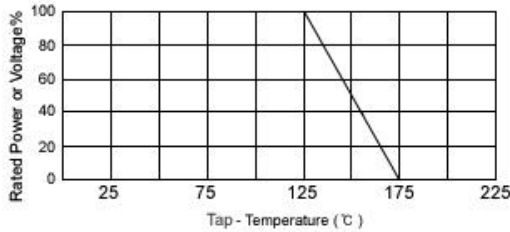
This new range of thick film on steel planar power resistors offers high withstand capability, footprint and low profile, to many demanding applications including dynamic braking and industrial welding.



DIMENSIONS[mm]



DERATING CURVE



Type	L	W	t	D	a	b
RIMS-2K	60.96	40.64	0.9	5.3	4.75	13
RIMS-5K	122	70	0.9	5.3	13	24

SPECIFICATIONS

ITEMS	RIMS-2K	RIMS-5K
Resistance range	2R to 2Megohm	
Max ΔR at rated pulse load (1mS of Pulse width, for 2sec on 8sec off as 1 cycle)	±20%	
Max pulse power(min 50000 cycles) (1mS of Pulse width, for 2sec on 8sec off as 1 cycle)	2KW	5KW
Stability(nominal load) after 50000 cycles	ΔR<±5%	
Max 'hot spot'temperature on Resistive parts	360 °C	
	2500Vdc	
Max single pulse power (1ms pulse non-repetive)	8kJouls	16kJouls
	100W	300W
Inductance(typical)	<3μH	<5μH
Torque of resistor & Heatsink	≤ 2.5 Nm with M4 screw	
Thermal Resistance of Heatsink	≤ 0.12 °C/w Typ.	
Dielectric Strength	1kV	
Required Thermal Grease / Compound	≤ 0.08 °C/W	
Required Flatness of Heatsink	0.05mm	

Application Guide : RIMS

Pulse Circuitry
 Motor Drives
 Inverters
 Power Supplies,UPS
 Power Conversions
 Dynamic Braking
 In-Rush Current Limitings

• Termination type Flying Leads. • Air forced coolant 15m/sec Velocity • HeatSink of thermal Resistance ≤ 0.05 °C/W

*The specifications subject to change notice.

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