

INTRODUCTION

- Small size, high power rating and performance
- Excellent space factor
- Strongly resistant to moisture, solvent & insulation.
- Self-extinguish material is used in molding.

PART NUMBER EXAMPLE

N RHA 250W - 10R - J

• For non-inductively wound, use "N" prefix on the part number.

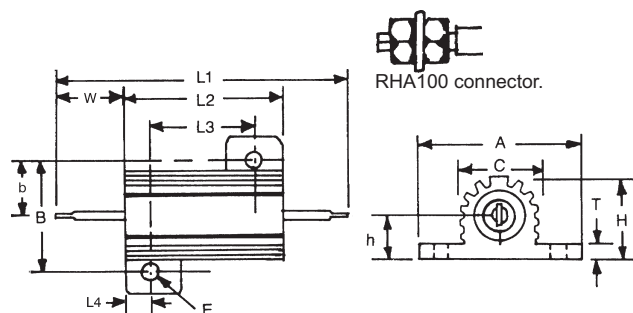
ELECTRICAL CHARACTERISTICS

Test Items	Test Conditions	Specifications
Short Time Overload	5X wattage rating, 5 sec.	$\Delta R \pm (0.5\% + 0.05 \Omega)$ max
Moisture Resistance	40°C, moisture 95%, 100Vdc 500hr	$\Delta R \pm (0.5\% + 0.05 \Omega)$ max
Moisture Load Life	40°C, moisture 95%, 1/10 X rated wattage 1000Hr on-off	$\Delta R \pm (0.5\% + 0.05 \Omega)$ max
Load Life	1000Hr on-off	$\Delta R \pm (1.5\% + 0.05 \Omega)$ max
Vibration	1000Hr on-off	$\Delta R \pm (0.2\% + 0.05 \Omega)$ max
Heat Resistance	275°C 2hrs	$\Delta R \pm (0.5\% + 0.05 \Omega)$ max
Dielectric Strength	5 - 25W: 1000V, 50W: 1500V, 100 - 250W: 2500V	$\Delta R \pm (0.2\% + 0.05 \Omega)$ max
Insulation Resistance	500Vdc	1000M Ω min
Terminal Strength	5 - 50W: 30 sec @ 4.5Kg, 100W: 5 sec @ 27Kg 250W: 5 sec @ 36Kg	$\Delta R \pm (0.2\% + 0.05 \Omega)$ max

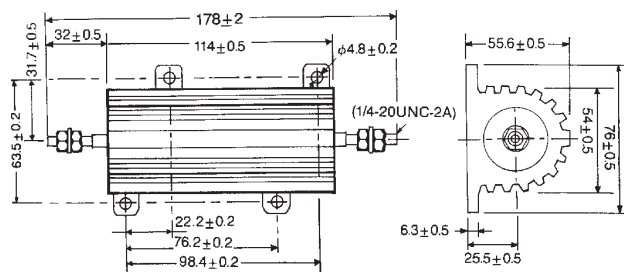
SPECIFICATIONS

Part Number	MIL Spec	Resistance Range (Ω)		Max Working Voltage (V)		Max Weight (g)
		Inductive	Non-Inductive (N)	Inductive	Non-Ind.(N)	
(N)RHA5W	RE60	0.005 ~ 3K	0.1 ~ 1K	120	70	3
(N)RHA10W	RE65	0.02 ~ 6K	0.03 ~ 2.3K	245	180	7
(N)RHA25W	RE70	0.012 ~ 15K	0.02 ~ 5.5K	500	300	15
(N)RHA50W	RE75	0.01 ~ 40K	0.02 ~ 12K	1300	600	33
(N)RHA100W	RE77	0.4 ~ 50K	0.12 ~ 25K	1900	1340	450
(N)RHA250W	RE80	0.6 ~ 80K	0.15 ~ 40K	2500	1750	800

DIMENSIONS (5W to 100W)



DIMENSIONS (250W)(mm)



Part Number	Dimensions(mm)													
	L1	L2	L3	L4	A	B	C	D	E	H	h	T	W	b
RHA5	28.6	15.3±1	11.3 ±0.8	2 ±0.5	16.5±1	12.4±0.8	8.5±1	1.3±0.1	2.4±0.3	8.2±1	4±1	1.6±1	6.7±1	6.2±1
RHA10	35	19±1	14.3 ±0.8	2.35±0.5	20.4 ±1	15.9±0.8	11±1	2.2±0.1	2.4±0.3	10±1	5±1	2±1	8.0±1	8.0±1
RHA25	49	27±1	18.3 ±0.8	4.35±0.5	27.2 ±1	19.8±0.8	14±1	2.2±0.1	3.2±0.3	14±1	6.5±1	2±1	11.0±1	9.9±1
RHA50	70	50±1	39.7 ±0.8	5.15±0.5	29.2 ±1	21.5±0.8	16±1	2.2±0.1	3.2±0.3	16±1	7±1	2±1	10.0±1	10.8±1
RHA100	139±2	89±0.5	69.8 ±0.2	9.6 ±0.5	71.5 ±0.5	57.1 ±2	46±0.5	N/A	4.8±0.2	44.5±0.5	20±0.5	5±0.5	25.0±0.5	28.6±0.5
RHA250	See Illustration Above													