

# Heatsink Encased Wirewound Power Resistors



## FEATURES

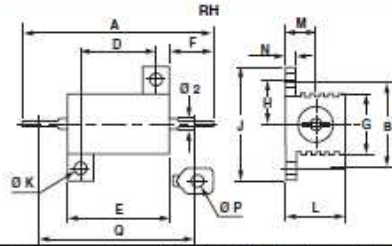
- 5 W to 50 W at 25 °C
- NF C 83-210
- CECC 40 203
- High stability < 0.05 % year
- Low temperature coefficient typically  $\pm 15$  ppm/°C
- Wide range of values from 0.006  $\Omega$  to 130 k $\Omega$
- Termination = Sn/Ag/Cu
- Compliant to RoHS directive 2002/95/EC



Encased in a compact and light heatsink offering complete environmental protection, great mechanical strength and easy mounting. Non inductive versions can be supplied under the RHNI designation (please indicate required specifications and frequency range upon ordering).

NF F 16101, 10/1988 and 16102, 04/1992: Not applicable (our parts contain less than 10 g of combustible materials).

## DIMENSIONS in millimeters



SERIES	A	B $\pm$ 0.2	D $\pm$ 0.2	E $\pm$ 0.5	F	G $\pm$ 1	H $\pm$ 0.7	J $\pm$ 0.5	$\varnothing$ K $\pm$ 0.1	L MAX.	M $\pm$ 0.5	N $\pm$ 0.3	$\varnothing$ P MIN.	Q	WEIGHT g
RH5	28.5 $\pm$ 1.5	12.5	11.3	16.3	6.8 $\pm$ 1.5	8.5	6.2	16.4	2.4	8.9	4.3	1.6	2.1	25.3 $\pm$ 1.5	4
RH10	35.5 $\pm$ 1.5	15.9	14	19	7.9 $\pm$ 1.5	11	7.9	20.6	2.4	11	5.6	2	2.1	30.6 $\pm$ 1.5	6.4
RH25	49 $\pm$ 1.3	19.9	18.3	28	11.1 $\pm$ 1.5	14	9.9	27.5	3.2	15	8	2.4	2.1	44.6 $\pm$ 1.3	16.1
RH50	70.2 $\pm$ 1.4	21.4	39.7	50	11 $\pm$ 1.2	15.5	10.7	29.4	3.2	15	8	2.4	2.1	66.5 $\pm$ 1.4	28.6

## ELECTRICAL SPECIFICATIONS

VISHAY SERNICE MODEL AND STYLE		RH5	RH10	RH25	RH50	
NF C 83-210 (CECC 40 203)		RE4	RE1	RE2	RE3	
POWER RATING	MIL Limits	25 °C	5 W	10 W	20 W	30 W
		70 °C	4 W	8 W	16 W	24 W
413 cm <sup>2</sup> for RH5 and RH10 536 cm <sup>2</sup> for RH25 and RH50	Vishay Sernice Limits	25 °C	10 W	12.5 W	25 W	50 W
		70 °C	8 W	10 W	20 W	40 W
Unmounted Resistors	Vishay Sernice Limits	25 °C	4 W	6 W	9 W	12 W
		70 °C	3.2 W	4.8 W	7.2 W	9.6 W
Rated Maximum Voltage (V <sub>RMS</sub> )		160 V	250 V	550 V	1285 V	