

RH Thick Film High Voltage Chip Resistors

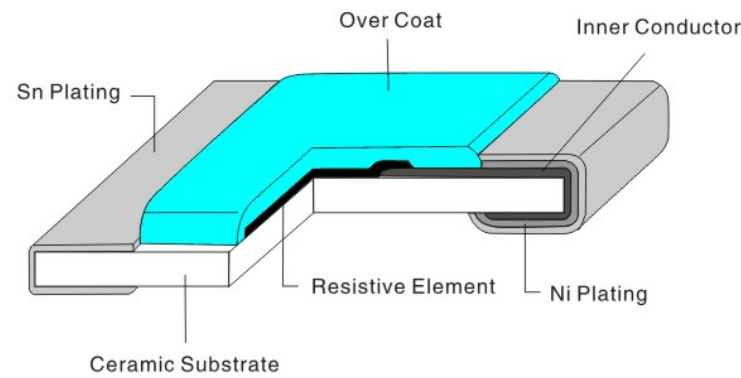
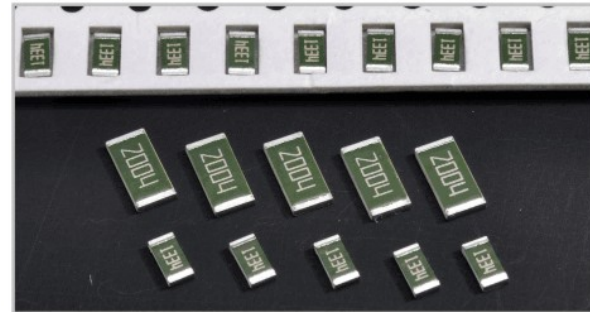
(Halogen Free)
RoHs
Compliant

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Features

- The application of RH series resistors can reduce the numbers and space of resistor used in circuits
- Compared to RM series resistors, RH series can stand twice the maximum operating voltage

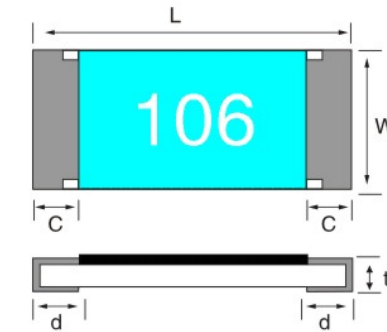
Construction



Type Designation

RH	12	T	4993	F
Product Code	Size Power Rating (at 70°C)	Packaging	Nominal Resistance	Tolerance
High Voltage Chip Resistors	12:1206 (3.2×1.6mm) 1/4W 20:2010 (5.0×2.5mm) 1/2W	1206 T:paper Tape 2010 E:Emboss Tape	3 Digits(E-24) e.g.,105=1MΩ 4 Digits(E-96) e.g.,4993=499kΩ	1206 F:±1% G:±2% J:±5% 2010 J:±5%

Dimensions



Unit:mm

Type	L	W	C	d	t
RH12	3.10±0.20	1.55±0.10	0.40±0.25	0.40±0.20	0.55±0.10
RH20	5.00±0.20	2.50±0.20	0.40±0.25	0.50±0.25	0.55±0.10

Rating & Characteristic

Characteristics	Feature		Measurement Method
	RH12	RH20	
Power Ratings(W)	1/4W	1/2W	
Resistance Value(Ω)	47Ω~22MΩ		Refer to JIS C 5202 5.1
T.C.R(ppm/°C)	±200		Refer to JIS C 5202 5.2
Operation Temperature Range(°C)	-55~+125		
Resistance Tolerance(%)	±1,±2,±5	±5	
Maximum Working Voltage(V)	400	1500	
Maximum Overload Voltage(V)	800	3000	Remark RH20:DC 3000V,AC 2122V

Note 1 :Measure method refer to JIS C 5202 5.1
 Note 2 :Measure method refer to JIS C 5202 5.2
 Note 3 :Remark RH20:DC 3000V, AC 2122V