

RRS series, audio metal thin film chip resistors •



Thin film realizes excellent dynamic range and sound quality

Electri

- · Minimal current noise
- · Special materials and structure using thin film produce "comfort" sound.

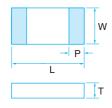


5,000pcs/reel



SPECIFICATIONS

Mechanical



Dimension (Inch Size)	RRS2012 (0805)	RRS1608 (0603)
L	2.00±0.20	1.60±0.20
W	1.25±0.20	0.80 ± 0.20
Р	0.40±0.20	0.30±0.20
Т	0.40±0.10	0.40±0.10

(unit: mm)

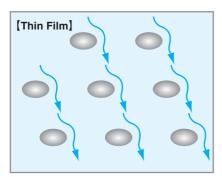
cal	Type	RRS2012	RRS1608	
	Power	1/10W	1/16W	
	Tolerance %(code)	±0.5%(D), ±0.1%(B)	±0.5%(D)	
	Resistance Range(Ω)	100∼1M	100~360k	
	TCR ppm /°C(code)	±25 (P)	±25 (P)	
	Resistance Value	E-24	E-24	
	Max Operating Voltage	100V	75V	

5,000pcs/reel

Low current noise

Theoretical background

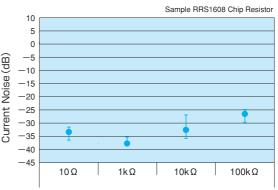
The current noise largely depends on the materials used and becomes significant in lower frequencies. This film tends to suppress the noise (see figure below). Therefore, low current noise thin film chip resistor is needed for the application that handles very low voltage near DC range.



Electrons move smoothly without much dispersion that creates noise.

Current Noise Features

Package



Test method: JIS C5202 Fixed Resistor Test Method. Appendix 1 "Method for Measuring Current Noise of Resistors'



PART NUMBER

