

Audio thin film chip resistors (high precision)

■ RS series

AEC-Q200 Compliant

Features

- Improved low noise thin film character even further
- Choice among the same resistance/size according to the user's sound preference
- Precision resistance tolerance: $\pm 0.1\%$, very small TCR: $\pm 25\text{ppm}/^\circ\text{C}$

Applications

- High quality audio equipment
- Automotive audio equipment
- Mobile audio equipment , smartphones



Thin film surface mount resistors

RS series

◆ Part numbering system

RS 1005P - 102 - B - T10 - 3

Series code

Size

Temperature coefficient of resistance

Nominal resistance value

Please contact our sales office for details.

Packaging quantity:
T5(5,000pcs), T10(10,000pcs)

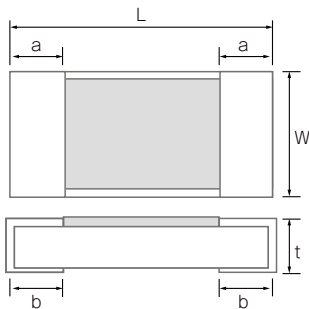
Resistance tolerance

◆ Electrical Specification

Type	Power ratings		Temperature coefficient of resistance (ppm/ $^\circ\text{C}$)	Resistance range(Ω) Resistance tolerance		Maximum voltage	Resistance value series	Operating temperature	Packaging quantity
	Low	Regular		$\pm 0.1\%$ (B)	$\pm 0.5\%$ (D)				
RS1005	1/32W	1/16W	± 25 (P)	$47 \leq R \leq 100\text{K}$		75V	E-6	$-55^\circ\text{C} \sim 155^\circ\text{C}$	T5 T10
RS2012	1/10W	1/8W	± 25 (P)	$47 \leq R \leq 100\text{K}$		150V			T5

* please contact our sales office for details.

◆ Dimensions



Type	Size (inch)	L	W	a	b	t
RS1005	0402	$1.00 \pm 0.10 / -0.05$	0.50 ± 0.10	0.20 ± 0.10	0.25 ± 0.05	0.35 ± 0.05
RS2012	0805	2.00 ± 0.20	$1.25 \pm 0.25 / -0.20$	0.40 ± 0.20	0.40 ± 0.20	$0.40 \pm 0.15 / -0.10$

(unit : mm)

◆ Derating Curve

