

# 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)

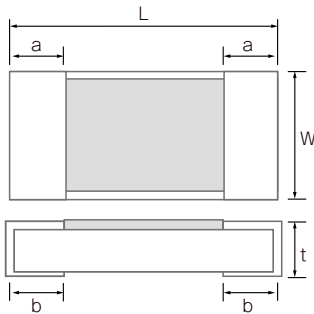
Resistance tolerance

## ◆ Electrical Specification

Type	Power ratings		Temperature coefficient of resistance (ppm/°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	$\pm 25(P)$	47 $\leq R \leq$ 100K		75V	E-6	-55°C ~ 155°C	T5 T10
RS2012	1/10W	1/8W	$\pm 25(P)$	47 $\leq R \leq$ 100K		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 $\pm$ 0.10	0.20 $\pm$ 0.10	0.25 $\pm$ 0.05	0.35 $\pm$ 0.05
RS2012	0805	2.00 $\pm$ 0.20	1.25 $\pm$ 0.25/-0.20	0.40 $\pm$ 0.20	0.40 $\pm$ 0.20	0.40 $\pm$ 0.15/-0.10

(unit : mm)

## ◆ Derating Curve

