



# Audio thin film chip resistors (high precision)

## ■ RS series

### 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



## ◆ Part numbering system

**RS 1005P - 8450 - 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)

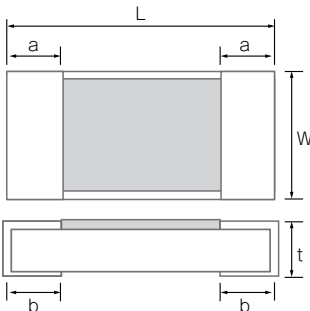
Resistance tolerance

## ◆ Electrical Specification

Type	Power ratings		Temperature coefficient of resistance (ppm/ $^\circ\text{C}$ )	Resistance range( $\Omega$ ) Resistance tolerance		Maximum voltage	Operating temperature	Packaging quantity
	Low	Regular		$\pm 0.1\%$ (B)	$\pm 0.5\%$ (D)			
<b>RS1005</b>	1/32W	1/16W	$\pm 25$ (P)	47 $\leq R \leq$ 100K		75V	-55 $^\circ\text{C}$ ~ 155 $^\circ\text{C}$	T5 T10

\* Please contact our sales office for details.

## ◆ Dimensions



Type	Size (inch)	L	W	a	b	t
<b>RS1005</b>	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

(unit : mm)

## ◆ Derating Curve

