

# 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

### ◆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)

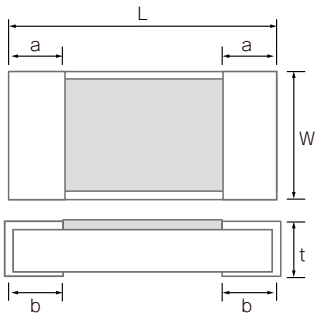
Resistance tolerance

### ◆Electrical Specification

Type	Power ratings		Temperature coefficient of resistance	Resistance range( $\Omega$ ) 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	$-55^{\circ}\text{C} \sim 155^{\circ}\text{C}$	T5 T10
RS2012	1/10W	1/8W	$\pm 25(P)$	$47 \leq R \leq 100K$		150V			T5

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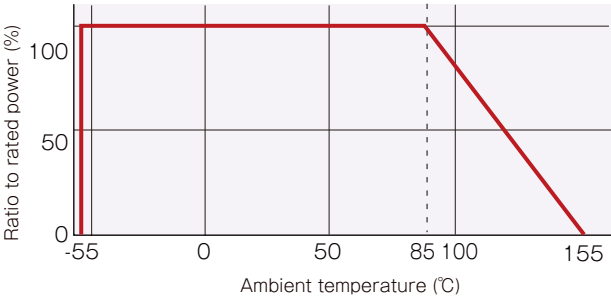
### ◆Dimensions



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



Thin film surface mount resistors

RS series

# Mouser Electronics

Authorized Distributor

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## Susumu:

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[RS2012P-102-D-T5-3](#) [RS2012P-681-D-T5-3](#) [RS2012P-153-D-T5-3](#) [RS2012P-104-D-T5-3](#) [RS2012P-680-D-T5-3](#)  
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[RS2012P-331-D-T5-3](#)