

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)

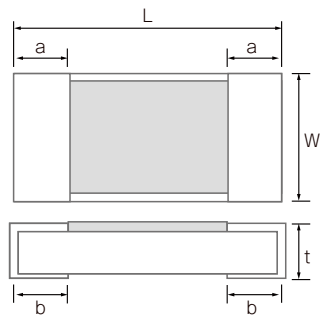
Resistance tolerance

◆Electrical Specification

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

* please contact our sales office for details.

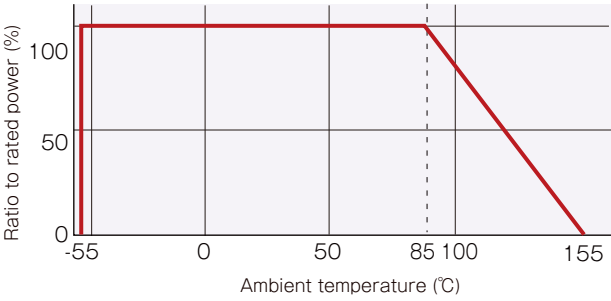
◆Dimensions



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



Thin film surface mount resistors
RS series

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Susumu:

[RS2012P-223-D-T5-3](#) [RS2012P-333-D-T5-3](#) [RS2012P-682-D-T5-3](#) [RS2012P-471-D-T5-3](#) [RS2012P-683-D-T5-3](#)
[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](#)
[RS2012P-470-D-T5-3](#) [RS2012P-473-D-T5-3](#) [RS2012P-472-D-T5-3](#) [RS2012P-332-D-T5-3](#) [RS2012P-222-D-T5-3](#)
[RS2012P-152-D-T5-3](#) [RS2012P-103-D-T5-3](#) [RS2012P-101-D-T5-3](#) [RS2012P-221-D-T5-3](#) [RS2012P-151-D-T5-3](#)
[RS2012P-331-D-T5-3](#)