



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)

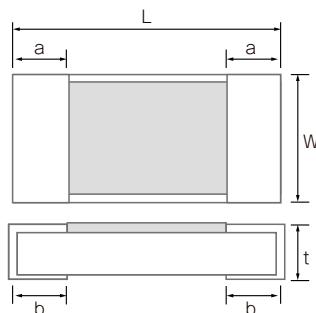
Resistance tolerance

◆Electrical Specification

Type	Power ratings		Temperature coefficient of resistance (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	$\pm 25(\text{P})$	$47 \leq R \leq 100\text{K}$		75V	E-6	-55°C ~ 155°C	T5 T10
RS2012	1/10W	1/8W	$\pm 25(\text{P})$	$47 \leq R \leq 100\text{K}$		150V			T5

* please contact our sales office for details.

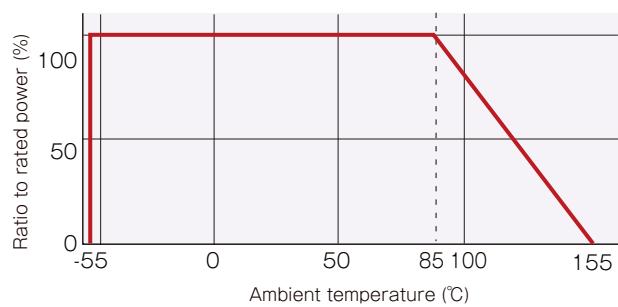
◆Dimensions



Type	Size (inch)	L	W	a	b	t
RS1005	0402	1.00+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+0.25/-0.20	0.40±0.20	0.40±0.20	0.40+0.15/-0.10

(unit : mm)

◆Derating Curve



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](#)