

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

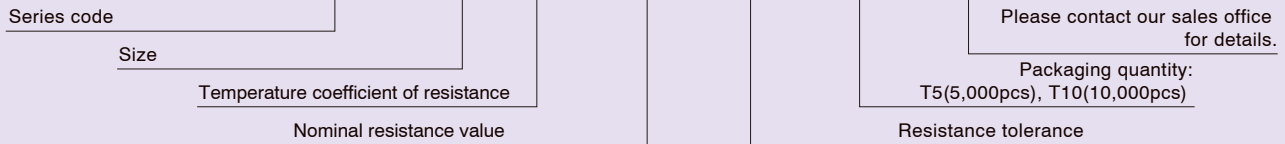


Thin film surface mount resistors

RS series

◆ Part numbering system

RS 1005P - 102 - B - T10 - 3

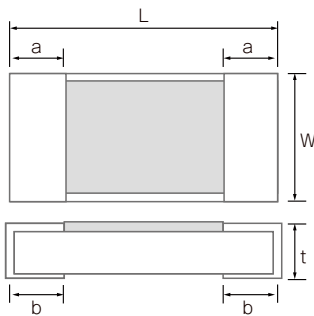


◆ Electrical Specification

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.

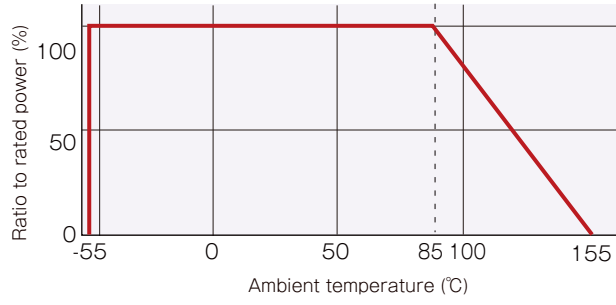
◆ Dimensions



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



Mouser Electronics

Authorized Distributor

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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](#)
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[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](#)