

RP series, high-power metal film chip resistors NEW

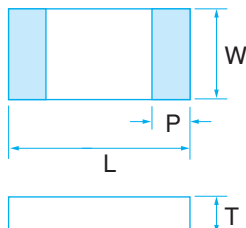


Resistors with high power at small size are realized as 1/3W for 2.0 x 1.25mm(0805) size, 1/5W for 1.6 x 0.8mm(0603) size and 1/6W for 1.0 x 0.5mm(0402 size). A tight resistance tolerance at $\pm 1\%$ is achieved.



SPECIFICATIONS

Mechanical



Dimension (mm)	RP1005 (0402)	RP1608 (0603)	RP2012 (0805)
L	1.0 ± 0.05	1.6 ± 0.2	2.0 ± 0.2
W	0.5 ± 0.05	0.8 ± 0.2	1.25 ± 0.2
P	0.2 ± 0.10	0.3 ± 0.2	0.4 ± 0.2
T	0.35 ± 0.05	0.4 ± 0.1	0.4 ± 0.1

Electrical

Type	RP1005	RP1608	RP2012
Power	1/6W	1/5W	1/3W
Resistance Tolerance (code)	± 1 (F), ± 2 (G), ± 5 (J)	± 1 (F), ± 2 (G), ± 5 (J)	± 1 (F), ± 2 (G), ± 5 (J)
Resistance Range (Ω)	0.1~47	0.1~68	0.1~100
Temperature Coefficient of Resistance (ppm/ $^{\circ}$ C)	0 ~ +200 (S)	0 ~ +200 (S)	0 ~ +200 (S)
Resistance Value	E-24	E-24	E-24
Maximum Operating Voltage for an element	$\sqrt{P \cdot R}$	$\sqrt{P \cdot R}$	$\sqrt{P \cdot R}$
Operating Temperature Rating	-40~125 $^{\circ}$ C		
Package	10,000pcs/reel	5,000pcs/reel	5,000pcs/reel

- Please contact us for specific resistance to surge voltage.
- Please contact us for 0.1 Ω or lower(TCR 0 - +350ppm/ $^{\circ}$ C) resistance value.



PART NUMBER

RP 1608 S - 102 - F

- Resistance Tolerance
- Resistance
- Temperature Coefficient of Resistance
- Dimensions
- Part Code