

RR series, RN series, ultra-precision metal film chip resistors



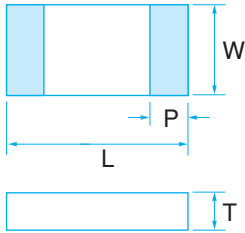
Available for resistance tolerance of $\pm 0.1\%$, thermal coefficient of resistance of $\pm 5\text{ppm}/^\circ\text{C}$

Our SMD components contribute to lead-free composition of electronic products.



SPECIFICATIONS

Mechanical



Dimension (mm)	RR0510 (0402)	RR0816 (0603)	RR1220 / RN73 (0805)	RR1632 (1206)	RR2632 (1210)
L	1.00 \pm 0.05	1.60 \pm 0.20	2.00 \pm 0.20	3.20 \pm 0.20	3.20 \pm 0.20
W	0.50 \pm 0.05	0.80 \pm 0.20	1.25 \pm 0.20	1.60 \pm 0.20	2.60 \pm 0.20
P	0.20 \pm 0.10	0.30 \pm 0.20	0.40 \pm 0.20	0.50 \pm 0.20	0.50 \pm 0.20
T	0.35 \pm 0.05	0.40 \pm 0.10	0.40 \pm 0.10	0.40 \pm 0.10	0.40 \pm 0.10

Equivalent circuit



Electrical

Type	RR0510	RR0816	RN73		RR1220	RR1632			RR2632		
Power	1/16W	1/16W	1/10W			1/8W			1/4W		
Resistance Tolerance (code)	$\pm 0.1\%$ (B)	$\pm 0.1\%$ (B)	$\pm 0.1\%$ (B)	$\pm 0.5\%$ (D)	$\pm 0.1\%$ (B)	$\pm 0.1\%$ (B)					
Resistance Range(Ω)	100~100K	100~332K	511~100K	100~100K	100~1M	100~200K	100~200K	51~1M	100~330K	100~330K	51~2M
Temperature Coefficient of Resistance ppm/ $^\circ\text{C}$ (code)	± 25 (P)	± 25 (P)	± 5 (V)	± 10 (N)	± 25 (P)	± 5 (V)	± 10 (N)	± 25 (P)	± 5 (V)	± 10 (N)	± 25 (P)
Resistance Value	E-24/E-96	E-24/E-96	E-24/E-96			E-24/E-96			E-24/E-96		
Maximum Operating Voltage	25V	75V	100V			150V			200V		
Package	10,000 pcs/reel	1,000-5,000(T5)	1,000(T1)-5,000(T5) pcs/reel		1,000-5,000(T5) pcs/reel	1,000(T1)-5,000(T5) pcs/reel			1,000(T1)-5,000(T5) pcs/reel		

· RR1632 and RR2632 with resistance value less than 50 Ω are also available.



PART NUMBER

