

# RR series, high-precision metal film chip resistors



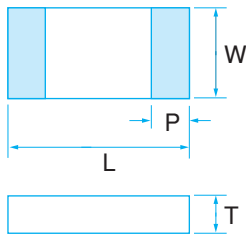
Excellent in resistance tolerance, temperature coefficient of resistance, high-frequency characteristics, current-noise-free characteristics, and minimized third harmonic distortion.

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



## SPECIFICATIONS

### Mechanical



Dimension (mm)	RR0306 (0201)	RR0510 (0402)	RR0816 (0603)	RR1220 (0805)	RR1632 (1206)	RR2632 (1210)
L	0.60±0.05	1.00±0.05	1.60±0.20	2.00±0.20	3.20±0.20	3.20±0.20
W	0.30±0.05	0.50±0.05	0.80±0.20	1.25±0.20	1.60±0.20	2.60±0.20
P	0.12±0.05	0.20±0.10	0.30±0.20	0.40±0.20	0.50±0.20	0.50±0.20
T	0.23±0.03	0.35±0.05	0.40±0.10	0.40±0.10	0.40±0.10	0.40±0.10

### Equivalent circuit



### Electrical

Type	RR0306		RR0510		RR0816		RR1220		RR1632		RR2632	
Power	1/20W		1/16W		1/16W		1/10W		1/8W		1/4W	
Resistance Tolerance (code)	±1.0% (F)	±0.5% (D)	±0.5%(D)		±0.5%(D)		±0.5%(D)		±0.5% (D)			
Resistance Range (Ω)	10~30	33~22K	10~97.6	100~100K	10~97.6	100~360K	10~97.6	100~1M	10~49.9	51~1M	10~49.9	51~2M
Temperature Coefficient of Resistance ppm °C(code)	±100 (R)	±25 (P)	±100 (R)	±25 (P)	±50 (Q)	±25 (P)	±50 (Q)	±25 (P)	±50 (Q)	±25 (P)	±50 (Q)	±25 (P)
Resistance Value	E-24		E-24/E-96		E-24/E-96		E-24/E-96		E-24/E-96		E-24/E-96	
Maximum Operating Voltage	15V		25V		75V		100V		150V		200V	
Package	5,000pcs/reel		10,000pcs/reel		5,000pcs/reel		5,000pcs/reel		5,000pcs/reel		1,000-5,000pcs/reel	

- Contact us also for RL0816—JMP jumper resistor whose dimensions are the same as those of RR0816.
- Contact us also for high stable type (Operating Temp. : ~15°C)
- RR0816 with 1/10W power consumption, RR1220 with 1/8W power consumption, and RR1632 with 1/4W power consumption are available to meet your needs.



## PART NUMBER

**RR 0816 P - 102 - D**

