

RR series, high-precision metal film chip resistors

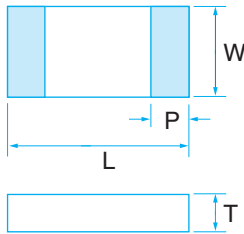


Thin Film Technology has achieved high performance chip resistors with low price and reliable supply. The parts offer excellent performance and tolerance in TCR, current noise, linearity, for high frequency circuit applications. Precise dimensions minimize errors during mounting. Tight tolerance allow for cost saving due to circuit simplification and elimination of trim pots for adjustment. This product is completely lead free.



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

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.
- 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

