

RR series, high-precision metal film chip resistors

SSM
THIN FILM TECHNOLOGY

YDS

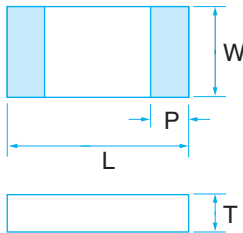
Excellent in resistance tolerance, thermal coefficient of resistance, high-frequency characteristics, current-noise-free characteristics, and minimized third harmonic distortion.

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 (ohm)	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.

NEW 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

Resistance Tolerance

Resistance (RR1632 and RR2632 are expressed in four-digit figures.)

Temperature Coefficient of Resistance

Dimensions

Part Code