

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.

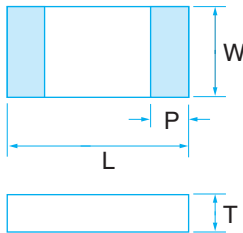
Our SMD components contribute to lead-free composition of electronics products.

NEW RR0306, RR0510, RR0816, and RR1220 series provide higher maximum limits of resistance values.



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)	±1%(F) NEW	±0.5%(D)		±1%(F) NEW	±0.5%(D)		±1%(F) NEW	±0.5%(D)		±1%(F) NEW	±0.5%(D)			
Resistance Range (ohm)	10~30	33~22K	27~100K	10~97.6	100~100K	102~330K	10~97.6	100~360K	365K~1.3M	10~97.6	100~1M	1.02~3.6M	10~49.9	51~1M	10~49.9	51~2M
Temperature Coefficient of Resistance ppm °C(code)	±100(R)	±25(P)	±200(S)	±100(R)	±25(P)	±200(S)	±50(Q)	±25(P)	±200(S)	±50(Q)	±25(P)	±200(S)	±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