

## 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.

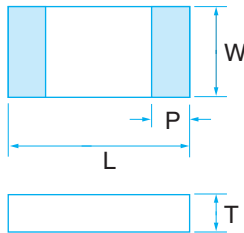
Our SMD components contribute to lead-free composition of electronics products.

**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) <b>NEW</b>	±0.5%(D)		±1%(F) <b>NEW</b>	±0.5%(D)		±1%(F) <b>NEW</b>	±0.5%(D)		±1%(F) <b>NEW</b>	±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