



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



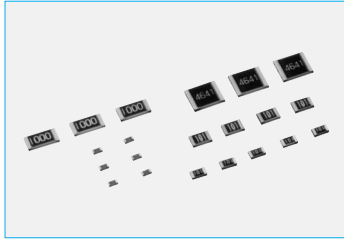
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RR series, ultra-precision metal film chip resistors

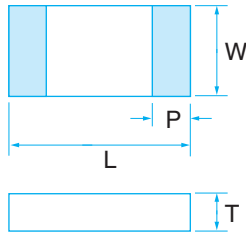


Available for resistance tolerance of +/-0.1%, thermal coefficient of resistance of +/-5ppm/degree C
 Our SMD components contribute to lead-free composition of electronic products.



SPECIFICATIONS

Mechanical



Dimension (mm)	RR0816 (0603)	RR1220 (RN73) (0805)	RR1632 (1206)	RR2632 (1210)
L	1.60±0.20	2.00±0.20	3.20±0.20	3.20±0.20
W	0.80±0.20	1.25±0.20	1.60±0.20	2.60±0.20
P	0.30±0.20	0.40±0.20	0.50±0.20	0.50±0.20
T	0.40±0.10	0.40±0.10	0.40±0.10	0.40±0.10

Equivalent circuit



Electrical

Type	RR0816	RN73	RR1220	RR1632	RR2632
Power	1/16W	1/10W		1/8W	1/4W
Resistance Tolerance (code)	±0.1% (B)	±0.1% (B) ±0.5% (D)	±0.1% (B)	±0.1% (B)	
Resistance Range(ohm)	100~332K	511~100K	100~100K	100~1M	100~200K 100~200K 51~1M 100~330K 100~330K 51~2M
Temperature Coefficient of Resistance ppm /°C(code)	±25 (P)	±5 (V) ±10 (N)	±25 (P)	±5 (V) ±10 (N) ±25 (P)	±5 (V) ±10 (N) ±25 (P)
Resistance Value	E-24/E-96	E-24/E-96		E-24/E-96	E-24/E-96
Maximum Operating Voltage	75V	100V		150V	200V
Package	1,000·5,000pcs/reel	1,000·5,000·10,000pcs/reel	1,000·5,000 pcs/reel	1,000·5,000pcs/reel	1,000·5,000pcs/reel

- RR1632 and RR2632 with resistance value less than 50 ohm are also available.
- RR0510 type with resistance tolerance +/-0.1% is also available.



PART NUMBER

RR 0816 P - 102 - B (-T1)

