

RR series, high-precision metal film chip resistors

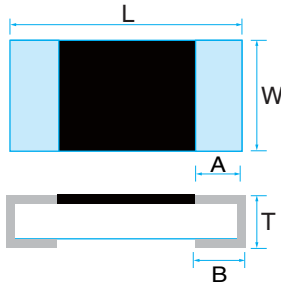


Thin Film Technology has achieved high performance chip resistors with low price and reliable supply. The parts offer excellent performance and tolerance in TCR, current noise, linearity, for high frequency circuit applications. Precise dimensions minimize errors during mounting. Tight tolerance allow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



SPECIFICATIONS

Mechanical



Dimension (Inch Size)	RR0306 (0201)	RR0510 (0402)	RR0816 (0603)	RR1220 RN73 (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
A	0.12±0.05	0.20±0.10	0.30±0.20	0.40±0.20	0.50±0.20	0.50±0.20
B	0.12±0.05	0.25±0.05	0.30±0.20	0.40±0.20	0.45±0.20	0.45±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

(unit : mm)

Electrical

Type	RR0306		RR0510		RR0816		RR1220		RN73		RR1632					RR2632				
Power	1/20W		1/16W		1/16W		1/10W		1/10W		1/8W					1/4W				
Tolerance %(code)	±1.0% (F)	±0.5% (D)	±0.5% (D)		±0.5% (D)		±0.5% (D)		±0.1% (B)		±0.5% (D)		±0.1% (B)			±0.5% (D)		±0.1% (B)		
Resistance Range (Ω)	10~30	33~22k	10~97.6	100~100k	10~97.6	100~360k	10~97.6	100~1M	511~100k	100~100k	10~49.9	51~1M	100~200k	100~200k	51~1M	10~49.9	51~2M	100~330k	100~330k	51~2M
TCR ppm /°C(code)	±100 (R)	±25 (P)	±100 (R)	±25 (P)	±50 (Q)	±25 (P)	±50 (Q)	±25 (P)	±5 (V)	±10 (N)	±50 (Q)	±25 (P)	±5 (V)	±10 (N)	±25 (P)	±50 (Q)	±25 (P)	±5 (V)	±10 (N)	±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		E-24/E-96			E-24/E-96		E-24/E-96		
Operating Temp. Range	-55°C ~ +125°C																			
Max Operating Voltage	15V		25V		75V		100V		100V		150V		150V			200V		200V		
Package	5,000 pcs/reel		10,000 pcs/reel		5,000 pcs/reel		5,000 pcs/reel		1,000(T1)· 5,000(T5)pcs/reel		1,000(T1)· 5,000(T5)/reel		1,000(T1)· 5,000(T5)pcs/reel			1,000(T1)· 5,000(T5)/reel		1,000(T1)· 5,000(T5)pcs/reel		

· Contact us also for RL0816-JMP jumper resistor whose dimensions are the same as those of RR0816.



PART NUMBER

RR 0816 P - 102 - D - (M) - (T5) - (*)** — To be added as for E-96 series value of RR0816 as 3 letters code

Taping quantity unit
RR1632,RR2632:"T1" to be added for 1000pcs/reel
"T5" to be added for 5000pcs/reel
RR0306,RR0510,RR0816,RR1220: No marking

"M" to be added as for E-96 series value of RR1220

Resistance Tolerance

Resistance value
RR0306,RR0510,RR0816,RR1220:3 digits for E-24 series
RR0306,RR0510,RR0816,RR1220:4 digits for E-96 series
RR1632,RR2632:4 digits for all values

Power Rating

Temperature Coefficient of Resistance

Dimensions

Part Code

RN73 N 2X 1001 B (-T1)