

# RT series, high-precision trimmable chip resistors



A trimming mechanism developed with original technology assures ultra-precision finish and highly reliable characteristics. Much shortened trimming time achieved. (Patent1921853)

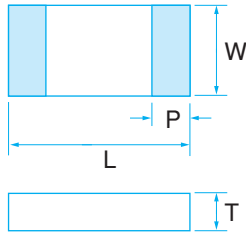
**NEW First in the market** 0210 trimmable chip resistor

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



## SPECIFICATIONS

### Mechanical



Dimension (mm)	RT0603(0201) <b>NEW</b>	RT0510 (0402)	RT0816 (0603)	RT1220 (0805)
L	0.60±0.05	1.00±0.07	1.60±0.20	2.00±0.20
W	0.30±0.05	0.50±0.07	0.80±0.20	1.25±0.20
P	0.12±0.05	0.20±0.10	0.30±0.20	0.40±0.20
T	0.23±0.05	0.35±0.05	0.40±0.10	0.40±0.10

### Equivalent circuit



### Electrical

Type	RT0603 <b>NEW</b>			RT0510			RT0816					RT1220							
Initial resistance value(Ω)	150	330	1.5k	100	270	1.5K	100	330	1K	3.3K	10K	33	100	330	1K	3.3K	10K	33K	100K
Upper resistance limit(Ω)	1.0k	2.2k	10k	820	2.1K	10K	2.7K	8.0K	8.8K	37K	40K	4.7K	8.2K	15K	15K	100K	120K	120K	220K
Temperature Coefficient of Resistance ppm /°C(code)	±25 (P)		±100 (R)	±25 (P)		±100 (R)	±25 (P)			±100 (R)		±50 (Q)	±25 (P)			±100 (R)			
Resistance Tolerance (code)	±20% (M)			±20% (M)			±20% (M)					±20% (M)							
Power	1/20W			1/16W			1/16W					1/10W							
Maximum Operating Voltage	15V			25V			75V					100V							
Maximum Applied Voltage	30V			50V			150V					200V							
Package	10,000pcs/reel			10,000pcs/reel			5,000pcs/reel					5,000pcs/reel							

· The RT510 type with 50Ω initial resistance value is also available.



## PART NUMBER

**RT 0816 P - 102 - M**

