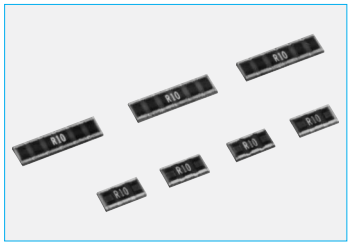


RL series, low resistance value chip resistors with long-side electrodes for high-precision current detection.

Cyntec

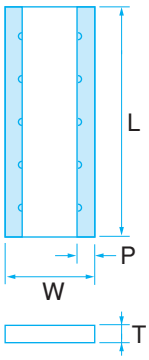
SSM THIN FILM TECHNOLOGY

A specially designed construction assures small dimensions and repressed surface temperature increase due to heat radiation and thermal conduction. This construction also minimizes the thermal effects on peripheral areas. Patent 2963671

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

SPECIFICATIONS

Mechanical



Dimension (mm)	RL3720 (0815)	RL3720W (0815)	RL7520W (0830)
L	3.75±0.30	3.75±0.30	7.50±0.30
W	2.00±0.20	2.00±0.20	2.00±0.20
P	0.40±0.20	0.40±0.20	0.40±0.20
T	0.40±0.10	0.40+0.15/−0.10	0.40+0.15/−0.10

Equivalent circuit

Electrical

Type	RL3720		RL3720W		RL7520W			
Power	1/2W		1W		2W			
Resistance Tolerance (code)	±1%(F) ±2%(G)		±1%(F) ±2%(G)		±5%(J)	±1%(F) ±2%(G)		
Resistance Range (Ω)	0.022~0.068	0.1~2.2	0.010~0.068	0.1~1.0	1,2,3m	5,6,9m	0.010~0.068	0.1~0.47
Temperature Coefficient of Resistance ppm/°C(code)	0~+350 (T)	0~+200 (S)	0~+350 (T)	0~+200 (S)	0~+800 (T)	0~+420 (T)	0~+350 (T)	0~+200 (S)
Resistance Value	E−6		E−6		−		E−6	
Package	4,000pcs/reel							

· Other resistance values are available.

PART NUMBER

RL 3720(W) T - R10 - F

- F: Resistance Tolerance
- R10: Resistance (1R0=1.0Ω, R0**=less than 0.082Ω)
- T: Temperature Coefficient of Resistance
- 3720(W): Dimensions
- RL: Part Code