

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

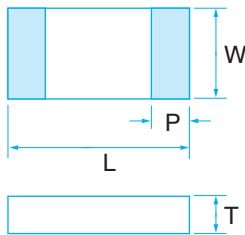


These low resistance value chip resistors are offered in international standard sizes. They exhibit excellent performance in resistance, noise performance, surface heat distribution and a lower surface temperature. Useful in many current sensing applications. Available in 1/2 and 1 watt package.

RoHS compliant

SPECIFICATIONS

Mechanical



Dimension (Inch Size)	RL1632	RL3264	RL1632H	RL-1632-6 <small>NEW</small>	RL-3264-6	RL-3264-9 <small>NEW</small>
L	3.20±0.20	6.40±0.20	3.20±0.20	3.20±0.33	6.50±0.33	6.50±0.33
W	1.60±0.20	3.20±0.20	1.60±0.20	1.60±0.33	3.20±0.20	3.20±0.20
P	1.00±0.15	2.00±0.15	0.50±0.15	0.95±0.20	2.50±0.15(1mΩ) 1.90±0.15(2mΩ) 1.0±0.15(≥3mΩ)	2.50±0.15(1mΩ) 1.90±0.15(2,3mΩ)
T	0.50±0.15	0.50±0.15	0.80±0.15	0.50±0.15	0.70±0.15(1mΩ) 0.65±0.15(2mΩ) 0.95±0.15(3mΩ) 0.80±0.15(≥4mΩ)	0.70±0.15(1mΩ) 0.65±0.15(2mΩ) 0.50±0.15(3mΩ)

(unit : mm)

Electrical

Type	RL1632				RL3264				RL1632H <small>Fixed metal foil</small>	RL-1632-6 <small>New Fixed metal foil</small>	RL-3264-6 <small>Fixed metal foil</small>				RL-3264-9 <small>New Fixed metal foil</small>		
Power	1/2W				1W				1/2W	1W	1W				2W		
Tolerance %(code)	±2%(G)		±1%(F) ±2%(G)		±2%(G)		±1%(F) ±2%(G)		±1%(F) ±2%(G) ±5%(J)	±5%(J)	±5%(J)	±1%(F) ±5%(J)	±1%(F) ±5%(J)	±1%(F) ±2%(G) ±5%(J)			
Resistance Range (Ω)	0.01~0.015	0.018~0.022	0.027	0.033~0.047	0.051~0.07	0.01~0.015	0.018~0.022	0.027	0.033~0.047	0.056~0.07	5m~0.15	1~4m	1,2m	3,4,5m	5.1~10m	11~47m	1,2,3m
TCR ppm/°C(code)	0~+500 (T)	0~+350 (T)	0~+200 (S)	±100 (R)	0~+500 (T)	0~+350 (T)	0~+200 (S)	±100 (R)	±100(10mΩ≥) ±50(10mΩ<)	±100	±100	±100	±100	±100	±50	±200(1mΩ) ±100(2,3mΩ)	
Resistance Value	E-24				E-12				1mΩ step (9mΩ≥) E-24 (10mΩ≤)	1mΩ step	—	E-24		—			
Package	5,000pcs/reel				5,000pcs/reel				2,000pcs/reel								

PART NUMBER

RL 1632 S - R033 - F

Given to the RoHS compliant products of RL1632H, RL-1632-6, RL-3264-3264-6(9)

