

# Metal foil low resistance chip resistors (4 terminals type)

## KRL series

### Features

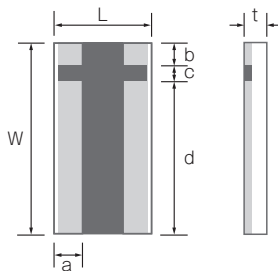
- According to the application, choose to suit high-temperature durable material or low emf materials (operating temperature~155°C) .
- Temperature Coefficient of Resistance at very low resistance value, 4~10mΩ : ±50ppm/°C, is extremely stable.
- Face down in the specification, you can achieve good detection accuracy.
- Rated power : 1W~2W.
- Exterior resin is halogen-free environment-friendly products.

### Applications

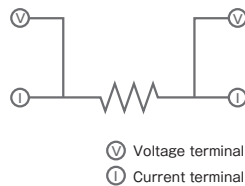
- Smart phones, mobile phones, PCs, hard drive discs, audio visual equipments, power sources, inverters, automotive electronics, industrial machining equipments, industrial test and measurements, etc.

### Specifications

#### Dimensions



#### Equivalent circuits



Dimensions (mm)	KRL3216T4 (1206)	KRL6432T4 (2512)
W	3.20±0.20	6.40±0.20
L	1.60±0.20	3.20±0.20
a	0.35±0.20	0.50±0.20
b	0.35±0.15	0.70±0.15
c	0.20±0.10	0.50±0.10
d	2.65±0.15	5.20±0.15
t	0.50±0.20	0.50±0.20

#### Electrical characteristics

Series name		KRL3216T4						KRL6432T4					
Power		1W						2W					
E series offered		1mΩSTEP			E-6			1mΩSTEP			E-6		
Resistance range (Ω)		1m~2m	3m	4m~10m	100m	200m	500m	1m~2m	3m	4m~10m	100m	200m	500m
Resistance tolerance (%)	±1.0 (F)	—	○	○	○	○	○	—	○	○	○	○	○
	±2.0 (G)	○	—	—	—	—	—	○	—	—	—	—	—
Temperature coefficient of resistance (ppm/°C)	±50	—	—	○	○	○	○	—	—	○	○	○	○
	±100	○	○	—	—	—	—	○	○	—	—	—	—
Operating temperature		-55°C~155°C											
Rated ambient temperature		70°C											
Packaging	1,000pcs	○						○					
	5,000pcs	○						○					

### Part numbering system

**KRL 3216T4 - M - R010 - F - T1** — Packaging: T1 (1000pieces) T5 (5000pieces)

— Resistance tolerance  
 — Resistance value  
 — Operating temperature: M (Low emf type)  
 — Size  
 — Series code