

Metal foil low resistance chip resistors (4 terminals type)

KRL series



Features

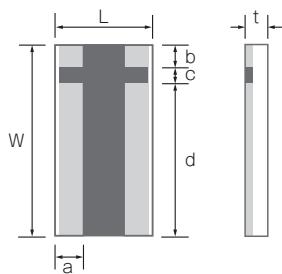
- According to the application, choose to suit high-temperature durable material or low emf materials (operating temperature $\sim 155^{\circ}\text{C}$).
- Temperature Coefficient of Resistance at very low resistance value, $4\sim 10\text{m}\Omega$: $\pm 50\text{ppm}/^{\circ}\text{C}$, is extremely stable.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

Applications

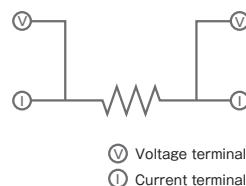
- Smart phones, mobile phones, PCs, hard drive discs, audio visual equipments, power sources, inverters, automotive electronics, industrial machining equipments, industrial test and measurements, etc.

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		1m Ω STEP			E-6			1m Ω STEP			E-6		
Resistance range(Ω)		1m \sim 2m	3m	4m \sim 10m	100m	200m	500m	1m \sim 2m	3m	4m \sim 10m	100m	200m	500m
Resistance tolerance (%)	± 1.0 (F)	—	○	○	○	○	—	○	○	○	○	○	○
	± 2.0 (G)	○	—	—	—	—	—	○	—	—	—	—	—
Temperature coefficient of resistance(ppm/ $^{\circ}\text{C}$)	± 50	—	—	○	○	○	○	—	—	○	○	○	○
	± 100	○	○	—	—	—	—	○	○	—	—	—	—
Operating temperature	$-55^{\circ}\text{C}\sim 155^{\circ}\text{C}$												
Rated ambient temperature	70°C												
Packaging	1,000pcs	○			○			○			○		
	5,000pcs	○			○			○			○		

Part numbering system

