



Fixed metal foil *Foil type KRL series,
low resistance value chip resistors*
Face down mounting

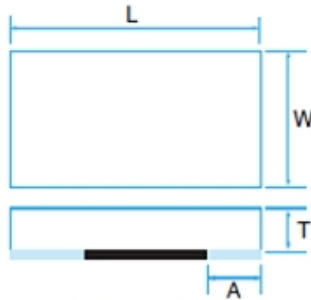


KRL series are offered for use as high temp. 170DegC and Thermal EMF. Face down mounting provides accurate the sensing performance, and excellent tight resistance tolerance of 1% and TCR of 50ppm.

SPECIFICATIONS

Short Side Termination

Mechanical

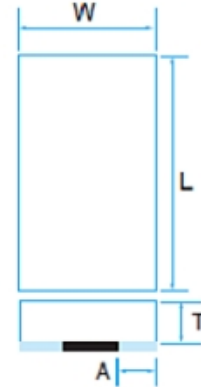


Operations temperature, $-55\sim 170^{\circ}\text{C}$ high stability.
Tight resistance tolerance of $\pm 1\%$, and TCR of $\pm 50\text{ppm}$.

Dimensions (mm)	KRL1220	KRL1632	KRL3264
L	2.0 ± 0.20	3.2 ± 0.20	6.3 ± 0.20
W	1.25 ± 0.20	1.6 ± 0.20	3.1 ± 0.20
T	0.5 ± 0.20	0.5 ± 0.20	0.5 ± 0.20
A (5.0~7.0m Ω)	0.4 ± 0.20	1.10 ± 0.2	1.90 ± 0.20
A (8.0m Ω ~)		0.4 ± 0.20	1.0 ± 0.20

Long Side Termination

Mechanical



Dimensions (mm)	KRL2012	KRL3216	KRL6432	KRL7638	KRL9045	KRL11050
L	2.0 ± 0.20	3.2 ± 0.20	6.3 ± 0.20	7.6 ± 0.20	8.9 ± 0.20	11.0 ± 0.20
W	1.25 ± 0.20	1.6 ± 0.20	3.1 ± 0.20	3.8 ± 0.20	4.5 ± 0.20	5.0 ± 0.20
T	0.5 ± 0.20	0.5 ± 0.20	0.5 ± 0.20	0.5 ± 0.20	0.5 ± 0.20	0.5 ± 0.20
A (1m Ω)	0.55 ± 0.20	0.60 ± 0.20	1.20 ± 0.20	1.35 ± 0.20	1.60 ± 0.20	1.80 ± 0.20
A (2m Ω)	0.40 ± 0.20	0.40 ± 0.20		0.60 ± 0.20	0.70 ± 0.20	0.80 ± 0.20
A (3m Ω ~)	0.30 ± 0.20	0.30 ± 0.20	0.50 ± 0.20			

Electrical

Type	KRL1220	KRL1632	KRL3264
Power	0.3W	0.5W	1.0W
Resistance Range (Ω)	10m~100m	5m~100m	
Tolerance (%) (code)		5~9m : ± 2.0 (G) 10m~ : ± 1.0 (F)	
TCR ppm / $^{\circ}\text{C}$ (ppm/ $^{\circ}\text{C}$)		5~9m : ± 100 10m~ : ± 50	
Operating Temp. Rating		C : $-55\sim 170^{\circ}\text{C}$ M : $-55\sim 155^{\circ}\text{C}$	

Electrical

Type	KRL2012	KRL3216	KRL6432	KRL7638	KRL9045	KRL11050
Power	0.5W	1.0W	2.0W	3.0W	4.0W	5.0W
Resistance Range (Ω)	1m~50m		1m~100m			
Tolerance (code)			1m : ± 5.0 (J) 2m : ± 2.0 (G) 3m~ : ± 1.0 (F)			
TCR R ppm / $^{\circ}\text{C}$			1m : ± 150 2m : ± 100 3m~ : ± 50			
Operating Temp. Rating			C : $-55\sim 170^{\circ}\text{C}$ M : $-55\sim 155^{\circ}\text{C}$			

PART NUMBER

KRL 6432 - C - R010 - F - T1

