



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



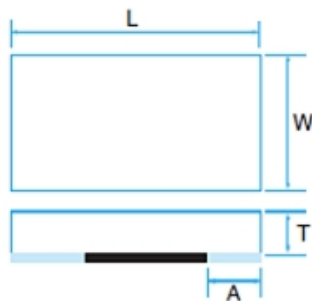
KRL series are offered for use as high temp. 170DegC and Thermal EMF. Face down mounting provides accurate the sensing performance, and excellent tight resistance tolerance of 1% and TCR of 50ppm.



SPECIFICATIONS

Mechanical

Short Side Termination

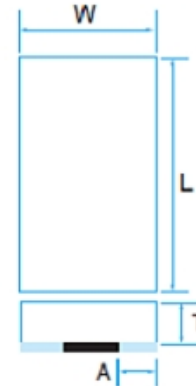


Operations temperature, -55~170°C high stability.
Tight resistance tolerance of $\pm 1\%$, and TCR of ± 50 ppm.

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

Mechanical

Long Side Termination



| Dimensions (mm) | KRL2012 | KRL3216 | KRL6432 | KRL7638 | KRL9045 | KRL11050 |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| L | 2.0 \pm 0.20 | 3.2 \pm 0.20 | 6.3 \pm 0.20 | 7.6 \pm 0.20 | 8.9 \pm 0.20 | 11.0 \pm 0.20 |
| W | 1.25 \pm 0.20 | 1.6 \pm 0.20 | 3.1 \pm 0.20 | 3.8 \pm 0.20 | 4.5 \pm 0.20 | 5.0 \pm 0.20 |
| T | 0.5 \pm 0.20 | 0.5 \pm 0.20 | 0.5 \pm 0.20 | 0.5 \pm 0.20 | 0.5 \pm 0.20 | 0.5 \pm 0.20 |
| A (1m Ω) | 0.55 \pm 0.20 | 0.60 \pm 0.20 | 1.20 \pm 0.20 | 1.35 \pm 0.20 | 1.60 \pm 0.20 | 1.80 \pm 0.20 |
| A (2m Ω) | 0.40 \pm 0.20 | 0.40 \pm 0.20 | 0.50 \pm 0.20 | 0.60 \pm 0.20 | 0.70 \pm 0.20 | 0.80 \pm 0.20 |
| A (3m Ω ~) | 0.30 \pm 0.20 | 0.30 \pm 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 / $^{\circ}$ C (ppm/ $^{\circ}$ C) | | 5~9m : ± 100 10m~ : ± 50 | |
| Operating Temp. Rating | | C : -55~170 $^{\circ}$ C M : -55~155 $^{\circ}$ 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 / $^{\circ}$ C | | | 1m : ± 150 2m : ± 100 3m~ : ± 50 | | | |
| Operating Temp. Rating | | | C : -55~170 $^{\circ}$ C M : -55~155 $^{\circ}$ C | | | |



PART NUMBER

KRL 6432 - C - R010 - F - T1

