

Fixed metal foil

## Foil type RL series, low resistance value chip resistors for high-precision current detection.



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

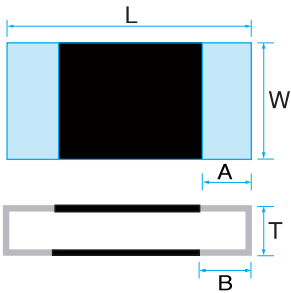


### SPECIFICATIONS

RoHS compliant

Completely lead free

#### Mechanical



Dimension (Inch Size)	RL1632H (1206)	RL-3264-6 (2512)	RL-3264-6C (2512)	RL-3264-9V (2512)
L	3.20 $\pm$ 0.33(1-4m $\Omega$ ) 3.20 $\pm$ 0.20(5-150m $\Omega$ )	6.35 $\pm$ 0.25	6.35 $\pm$ 0.25	6.35 $\pm$ 0.25
W	1.60 $\pm$ 0.33(1-4m $\Omega$ ) 1.60 $\pm$ 0.20(5-150m $\Omega$ )	3.20 $\pm$ 0.20	3.20 $\pm$ 0.20	3.18 $\pm$ 0.25
A	—	2.50 $\pm$ 0.15(1m $\Omega$ ) 1.90 $\pm$ 0.15(2m $\Omega$ )	1.00 $\pm$ 0.25( $\geq$ 6m $\Omega$ )	2.21 $\pm$ 0.25(1-4m $\Omega$ ) 1.19 $\pm$ 0.25(5-6m $\Omega$ ) 0.76 $\pm$ 0.25(7-11m $\Omega$ )
B	1.25 $\pm$ 0.20(1m $\Omega$ ) 0.50 $\pm$ 0.20(2-4m $\Omega$ ) 0.50 $\pm$ 0.15(5-150m $\Omega$ )	—	—	—
T	0.65 $\pm$ 0.15(1-2m $\Omega$ ) 0.50 $\pm$ 0.15(3-4m $\Omega$ ) 0.80 $\pm$ 0.15(5-150m $\Omega$ )	0.70 $\pm$ 0.15(1m $\Omega$ ) 0.65 $\pm$ 0.15(2m $\Omega$ )	1.05 $\pm$ 0.15(3-5m $\Omega$ ) 0.80 $\pm$ 0.15( $\geq$ 6m $\Omega$ )	1.30 $\pm$ 0.25(1m $\Omega$ ) 1.20 $\pm$ 0.25(2-4m $\Omega$ ) 1.00 $\pm$ 0.25(5-11m $\Omega$ )

(unit : mm)

#### Electrical

Type	RL1632H					RL-3264-6		RL-3264-6C		RL-3264-9V		
Power	1/2W					1W		1W		2W		
Tolerance %(code)	$\pm 5\%$ (J)	$\pm 2\%$ (G) $\pm 5\%$ (J)	$\pm 1\%$ (F) $\pm 5\%$ (J)			$\pm 2\%$ (G) $\pm 5\%$ (J)		$\pm 1\%$ (F) $\pm 5\%$ (J)		$\pm 1\%$ (F) $\pm 5\%$ (J)		
Resistance Range(m $\Omega$ )	1	2	3~4	5~10	11~150	1	2	3~10	11~100	1~2	3~4	5~11
TCR ppm / $^{\circ}\text{C}$	$\pm 275$		$\pm 150$	$\pm 100$	$\pm 50$	$\pm 200$	$\pm 100$	$\pm 50$		$\pm 275$	$\pm 150$	$\pm 50$
Resistance Value	1m $\Omega$ step				E-24	1m $\Omega$ step		E-24		1m $\Omega$ step		
Package	2,000pcs/reel					2,000pcs/reel				2,000pcs/reel		
Operating Temp. Range	$-55\sim 170^{\circ}\text{C}$					$-55\sim 170^{\circ}\text{C}$				$-55\sim 170^{\circ}\text{C}$		



### PART NUMBER

## RL 3264 - 6 - R002 - F N

