

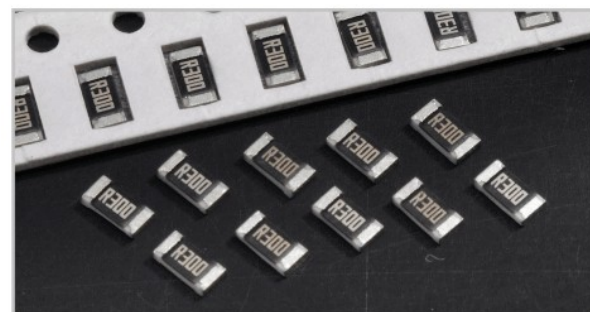
## RL Thick Film Low Ohmic Chip Resistors

(Halogen Free)  
RoHS  
Compliant

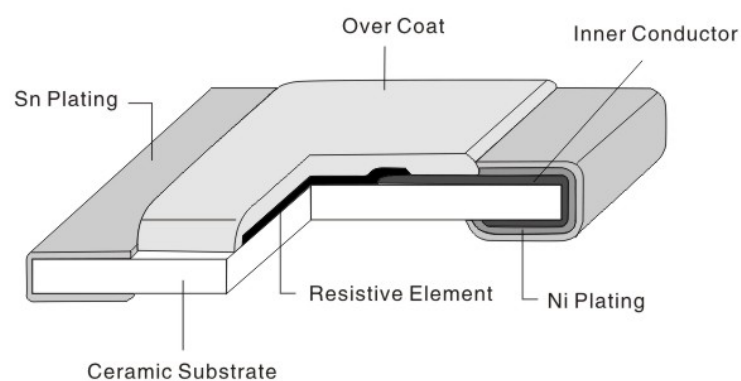
(Halogen Free)  
RoHS  
Compliant

### Features

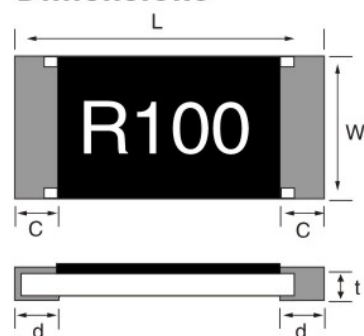
- Low resistance and high accuracy resistor for current detection



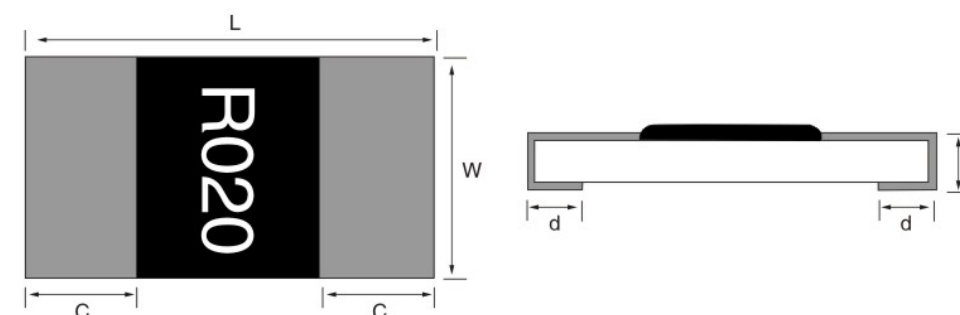
### Construction



### Dimensions



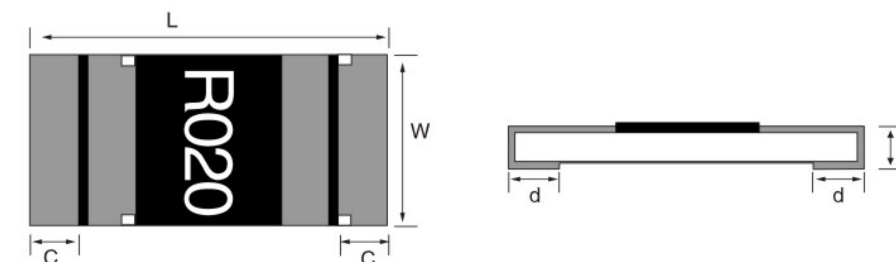
### 2.1206 Type for 20mΩ~91mΩ



Type	L	W	C	d	t
RL12	3.10±0.20	1.55±0.10	0.90±0.30	0.50±0.20	0.55±0.10

Unit:mm

### 3.2010 & 2512 Type for 20mΩ~91mΩ



Type	L	W	C	d	t
RL20	5.00±0.20	2.50±0.20	0.60±0.30	0.50±0.25	0.55±0.10
RL25	6.30±0.20	3.20±0.20	0.60±0.30	0.50±0.25	0.55±0.10

Unit:mm

### Type Designation

RL	06	T	0R10	F
<b>Product Code</b>	<b>Size Power Rating (at 70°C)</b>	<b>Packaging</b>	<b>Nominal Resistance</b>	<b>Tolerance</b>
Low Ohmic Chip Resistor	04:0402 1/16W 06:0603 1/8W 08:0805 1/4W 12:1206 1/2W 20:2010 3/4W 25:2512 1W	T:Paper Tape E:Embossed Tape	3 Digits e.g.,(5%) R12=0.12Ω 4 Digits e.g.,(1%) 0R10=0.1Ω Standard:E-24 Series	F:±1% G:±2% J:±5%

### 1. Standard Products

Type	L	W	C	d	t
RL04	1.00 <sup>+0.10</sup> / <sub>-0.05</sub>	0.50±0.05	0.20±0.10	0.25±0.10	0.35±0.05
RL06	1.60±0.10	0.80±0.10	0.30±0.20	0.35±0.20	0.45±0.10
RL08	2.00±0.10	1.25±0.10	0.40±0.20	0.35±0.20	0.50±0.10
RL12	3.10±0.20	1.55±0.10	0.50±0.30	0.40±0.20	0.55±0.10
RL20	5.00±0.20	2.50±0.20	0.60±0.30	0.50±0.25	0.55±0.10
RL25	6.30±0.20	3.20±0.20	0.60±0.30	0.50±0.25	0.55±0.10

Unit:mm

### Rating & Characteristic

Type	Power Ratings	Resistance Value(mΩ)	Operation Temperature Range(°C)	T.C.R(ppm/°C)
RL04	1/16W	200~910	-55~+125	±300(200~500mΩ) ±200(501~910mΩ)
RL06	1/8W	100~910		
RL08	1/4W	50~910		
RL12	1/2W	20~910		±200(50~910mΩ)
RL20	3/4W			
RL25	1W			