

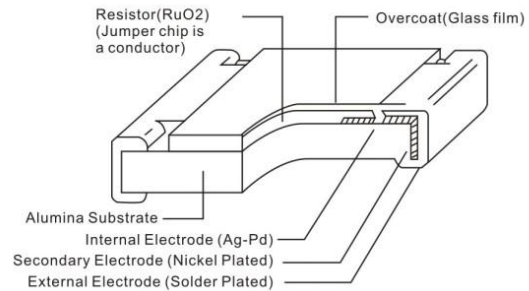
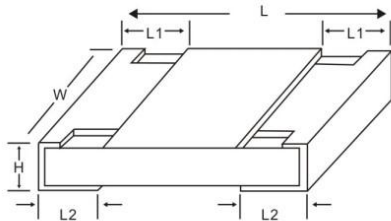


RESISTOR & CAPACITOR

RC 超低阻值晶片電阻器 ULTRA LOW CHIP RESISTOR

DIMENSION

1. High power rating up to 3 watts
 2. Low T.C.R. until ± 50 PPM
 3. Low resistance values from $0.2\text{m}\Omega$ to $15\text{m}\Omega$
1. Wide range package size 1206/2010/2512
 2. Tolerance: $\pm 1\%$, $\pm 2\%$, $\pm 5\%$



SPECIFICATIONS

Type	Power Rating at 70°C	T.C.R. PPM/°C	Resistance Range (mΩ)	Dimension (mm)				color
				L	W	T	D	
Standard								
1206	1W	± 50	1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10	3.20 ± 0.254	1.60 ± 0.104	1.60 ± 0.20	0.980 ± 0.380	No coating/ No marking
2512	1W	± 150	2.5, 3, 3.5	6.35 ± 0.254	3.18 ± 0.254	Depends on value	Depends on value	Black
		± 100	4, 4.5, 5					Black
		± 75	6, 6.5, 7					Black
		± 50	0.5, 0.75, 1, 1.5, 2					Black
		± 50	11, 12, 13, 14, 15					Green
High Power Rating								
2010	1.5W	± 50	1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10	5.08 ± 0.254	2.54 ± 0.15	0.60 ± 0.20	1.665 ± 0.625	No coating/ No marking
2512	2.0W	± 275	1, 2	6.35 ± 0.254	3.18 ± 0.254	Depends on value	Depends on value	Black
		± 100	3, 5, 10					Black
		± 75	6, 6.5, 7					Black
	2.5W	± 50	0.5, 0.75, 1, 1.5, 2, 3, 5, 6.5, 7, 8, 9, 10					Black
		± 50	4, 4.5, 5, 6					Green
3W	± 100 ± 50	0.5, 0.75, 1, 2, 3	Green					

ELECTRICAL PERFORMANCE

Test Items	SPEC
Standard Operating Temp	$-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$
Short Time Overload	Black coating: $\pm 0.5\%$; green coating: $\pm 1\%$
Thermal Shock	Black coating: $\pm 0.5\%$; green coating: $\pm 1\%$
Solderability	Coverage $\geq 95\%$
Resistance to Soldering Heat	Black coating: $\pm 0.5\%$; green coating: $\pm 1\%$
Load Life	$\pm 1\%$