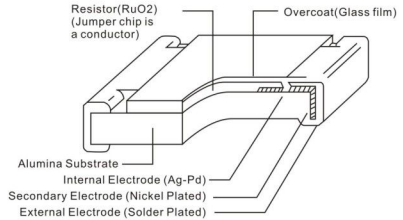
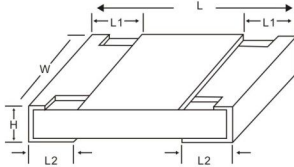


RC 高功率厚膜晶片電阻器 HIGH POWER THICK FILM CHIP RESISTOR

DIMENSION

1.High power in standard type



SPECIFICATIONS

Type	Power Rating at 70°C	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Tol%	Resistance Range (mΩ)	Dimension(mm)				
							L	W	H	L1	L2
0402	1/10W	50V	100V	100V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.20
0603	1/5W	50V	100V	300V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	1.60±0.10	0.80 +0.15 -0.10	0.45±0.10	0.30±0.20	0.30±0.20
0805	1/3W	150V	300V	500V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	2.00±0.15	1.25 +0.15 -0.10	0.55±0.10	0.40±0.20	0.40±0.20
1206	1/2W	200V	400V	500V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	3.10±0.15	1.55 +0.15 -0.10	0.55±0.10	0.45±0.20	0.45±0.20
1210	3/4W	200V	500V	500V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	3.10±0.10	2.60 +0.15 -0.10	0.55±0.10	0.50±0.25	0.50±0.20
2010	1W	200V	500V	500V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	5.00±0.10	2.50±0.15	0.55±0.10	0.60±0.25	0.50±0.20
2512	2W	200V	500V	500V	±1% ±5%	1Ω-10MΩ 1Ω-10MΩ	6.35±0.10	3.20±0.15	0.55±0.10	0.60±0.25	1.80±0.20

ELECTRICAL PERFORMANCE

Test Items	SPEC
Standard Operating Temp	-55°C→+155°C
Short Time Overload	1%: ±(1.0%+0.1Ω), 5%: ±(2.0%+0.1Ω)
Solderability	Coverage≥95%
Temperature Operation	1%: ±(0.5%+0.05Ω), 5%: ±(1.0%+0.05Ω)
Temperature Coefficient	1Ω 10Ω≤±200PPM/°C, 11Ω 10MΩ≤±100PPM/°C 0.1Ω-1Ω≤±200PPM/°C for 0603/0805 0.1Ω-1Ω≤±100PPM/°C for 1206-2512
Resistance to Soldering Heat	±(1.0%+0.05Ω)
Load Life in Moisture	1%: ±(1.0%+0.1Ω), 5%: ±(3.0%+0.1Ω)
Load Life	1%: ±(1.0%+0.1Ω), 5%: ±(3.0%+0.1Ω)
Bending Strength	±(1.0%+0.05Ω)