

Resistors & Potentiometers

0805 Chip Resistors -(1/8W)

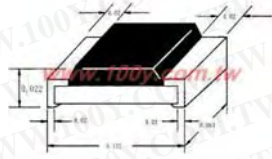
Detailed product specifications are available on: us.100y.com.tw

TYPE	Rated Power at 70°C	Max. Working Voltage	Max. Overload Voltage	Resistance Range		Operating Temp Range
				1%,E-96	5%,E-24	
0805	1/8W	150V	300V	10Ω-1MΩ	1Ω-10MΩ	-55°C~ +125°C

Part No.	Product No.	Description	Resistance data(Ω)	Tolerance(±)	Package
40336	RP0812K0FR	0805 SMD Resistor	12K ohm	+/-1%	5000pcs/R
40331	RP083K60FR	0805 SMD Resistor	3.6K ohm	+/-1%	5000pcs/R
40329	RP0851K0FR	0805 SMD Resistor	51K ohm	+/-1%	5000pcs/R
40330	RP0856K0FR	0805 SMD Resistor	56K ohm	+/-1%	5000pcs/R

1206 Chip Resistors -(1/8W)

Detailed product specifications are available on: us.100y.com.tw

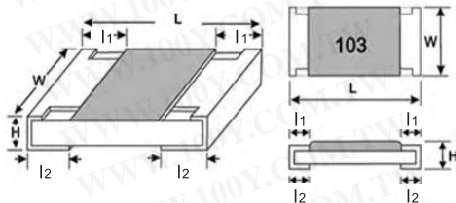


APPLICATION

- Entertainment: stereo, TV tuners, tape recorder
- Appliance: Air conditioner, refrigerator
- Computer & relative products: mainboard, PDA
- Communication equipment: cell phone, Fax machine
- Power equipment: power supply, illumination equipment
- Measuring instrument: Electric meter, Navigation equipment

FEATURES

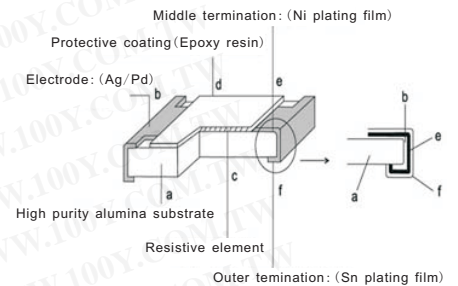
- Small size and light weight
- Reduction of assembly costs and matching with placement machines.
- Reliability, high quality and fast delivery



DIMENSION

TYPE	L	W	H	l1	l2
CR1206	3.20±0.20	1.60±0.20	0.55±0.15	0.45±0.20	0.45±0.20

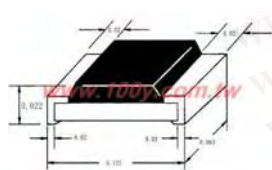
Unit: mm



RATINGS

TYPE	Rating power at 70°C	Max Working voltage	Max overload voltage	T. C. R (PPM/°C)	Resistance range				Operating Temperature range
					B (±0.1%) D (±0.5%)	F (±1%) below	G (±2%)	J (±5%) K (±10%)	
CR1206	0.25W	200V	400V	+400~-400	1Ω~9.9Ω	1Ω~9.9Ω	1Ω~9.9Ω	-55°C~+125°C	
				+200~-200		10Ω~10MΩ	10Ω~10MΩ		
				+100~-100	10Ω~1MΩ	10Ω~10MΩ			

Part No.	Product No.	Manufacturer	Description	Resistance data (Ω)	Tolerance (±)	Package
19673	1206-237Ω±1%	EVER OHMS	1206 Chip Resistors-Thick Film	237 ohm	+/-1%	5000pcs/R
19674	1206-49.9Ω±1%	EVER OHMS	1206 Chip Resistors-Thick Film	49.9 ohm	+/-1%	5000pcs/R



Features

- Lead free
- RoHS compliant*
- Power rating at 70 °C: CR0603 - 0.10 W, CR0805 - 0.125 W, CR1206 - 0.25 W
- Tight tolerances of bottom electrode width
- Three layer contacting process with nickel barrier prevents leaching and provides excellent solderability
- Suitable for all types of soldering processes
- Paper tape on reel for automatic placement

Electrical Characteristics

Characteristic	MODEL CR1206
Power Rating @ 70 °C	1/4 W
Operating Temperature Range	-55 °C to +125 °C
Derated to 0 Load at	+125 °C
Maximum Working Voltage	200 V
Maximum Overload Voltage	400 V
Resistance Range: 1 %, E-96 + E-24	10 ohms- 1 megohm
Resistance Range: 5 %, E-24 Zero Ohm Jumper <0.01 ohms	1 ohms - 10 megohms
Temperature Coefficient	Special value on request 1 %: ±100 ppm/°C 5 %: ±200 ppm/°C 1 ohm - 10 ohms: -200 ppm/°C to +500 ppm/°C

