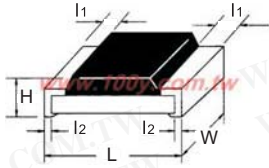


Resistors & Potentiometers

1206 Chip Resistors -(1/8W)

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

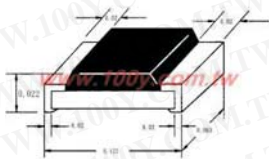


Dimension	L	W	H	l ₁	l ₂
Model CR1206	$\frac{3.20 \pm 0.25}{(0.126 \pm 0.010)}$	$\frac{1.60 \pm 0.15}{(0.063 \pm 0.006)}$	$\frac{0.60 \pm 0.15}{(0.024 \pm 0.006)}$	$\frac{0.50 \pm 0.25}{(0.020 \pm 0.010)}$	$\frac{0.50 \pm 0.20}{(0.020 \pm 0.010)}$

Part No.	Product No.	Manufacturer	Description	Resistance data (Ω)	Tolerance (±)	Package
28907	RP0659E0XXF		SMD 1206 Resistor	59ohm	±1%	5000pcs/R
28326	RP12100EJR	Bourns	SMD 1206 Resistor	100 ohm	+/- 5%	5000pcs/R
28328	RP1233KE0JR		SMD 1206 Resistor	33K ohm	+/- 5%	5000pcs/R
28325	RP123E30JR		SMD 1206 Resistor	3.3 ohm	+/- 5%	5000pcs/R
28329	RP124E70JR		SMD 1206 Resistor	4.7 ohm	+/- 5%	5000pcs/R

1206 Chip Resistors -(1/4W)

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



CONSTRUCTION

The resistors are constructed out of a high-grade ceramic body. Internal metal electrodes are added at each end and connected by a resistive paste. The composition of the paste is adjusted to give the approximate required resistance and laser cutting of this resistive layer that achieves tolerance trims the value. The resistive layer is covered with a protective coat and printed with the resistance value. Finally, the two external terminations (pure Tin) are added. See fig. 3.

TYPE	RC1206
L (mm)	3.10 ± 0.10
W (mm)	1.60 ± 0.10
H (mm)	0.55 ± 0.10
l ₁ (mm)	0.45 ± 0.20
l ₂ (mm)	0.40 ± 0.20

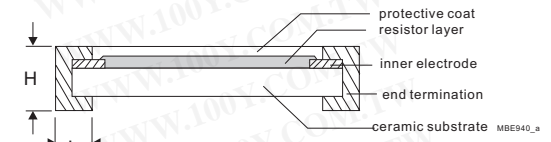
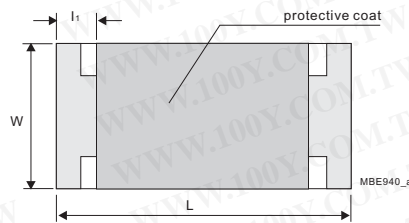


Fig. 3 Chip resistor construction

CHARACTERISTICS

RC1206 1/4W	
Operating Temperature Range	-55 °C to +155 °C
Maximum Working Voltage	200 V
Maximum Overload Voltage	400 V
Dielectric Withstanding Voltage	500 V
Resistance Range	5% (E24) 1 Ω to 22 MΩ 1% (E96) 1 Ω to 10 MΩ Zero Ohm Jumper < 0.05 Ω
Temperature Coefficient	10 Ω < R ≤ 10 MΩ ±100 ppm/°C R ≤ 10 Ω; R > 10 MΩ ±200 ppm/°C
Jumper Criteria	Rated Current 2.0 A Maximum Current 10.0 A

ENVIRONMENTAL DATA

For material declaration information (IMDS-data) of the products, please see the separated info "Environmental data".



Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)	Package
19668	1206-0Ω±5%	EVER OHMS	1206 Chip Resistors-Thick Film	0 ohm	+/-5%	5000pcs/R
32161	1206-1.1Ω±5%	LIKET	1206 Chip Resistors-Thick Film	1.1ohm	± 5%	5000pcs/R
31210	1206-1.1Ω±5%	LIKET	1206 Chip Resistors-Thick Film	1.1ohm	± 5%	5000pcs/R
15082	1206-100KΩ±5%	YAGEO	1206 Chip Resistors-Thick Film	100K ohm	+/-5%	
32162	1206-100Ω±5%		1206 Chip Resistors-Thick Film	100 ohm	± 5%	5000pcs/R
31208	1206-100Ω±5%	LIKET	1206 Chip Resistors-Thick Film	100 ohm	± 5%	5000pcs/R
26482	1206-100Ω±5%		1206 Chip Resistors-Thick Film	100 ohm	+/-5%	5000PCS/R
15078	1206-100Ω±5%	YAGEO	1206 Chip Resistors-Thick Film	100 ohm	+/-5%	
26483	1206-10KΩ±5%		SMD 1206 Resistor	10 Kohm	+/-5%	5000PCS/R
15081	1206-10KΩ±5%	YAGEO	1206 Chip Resistors-Thick Film	10K ohm	+/-5%	5000pcs/R
15074	1206-10Ω±5%	YAGEO	SMD 1206 Resistor	10 ohm	+/-5%	5000pcs/R
19714	1206-120Ω±1%	EVER OHMS	SMD 1206 Resistor	120 ohm	+/-1%	5000pcs/R
17933	1206-120Ω±5%	LIKET	1206 Chip Resistors-Thick Film	120 ohm	+/-5%	5000PCS/R
20061	1206-150KΩ±5%		SMD Resistor	150K ohm	+/-5%	5000pcs/R
16184	1206-158Ω±1%	LIKET	1206 Chip Resistors-Thick Film	158 ohm	+/-1%	
19664	1206-1KΩ±5%	EVER OHMS	SMD Resistor	1K ohm	+/-5 %	5000pcs/R
15080	1206-1KΩ±5%	YAGEO	1206 Chip Resistors-Thick Film	1K ohm	+/-5%	
26481	1206-2.2KΩ±5%		SMD 1206 Resistor	2.2K ohm	+/-5%	5000PCS/R
15075	1206-2.2Ω±5%	YAGEO	1206 Chip Resistors-Thick Film	2.2 ohm	+/-5%	5000pcs/R
31211	1206-2.7Ω±5%	LIKET	1206 Chip Resistors-Thick Film	2.7ohm	± 5%	5000pcs/R
19665	1206-200KΩ±5%	EVER OHMS	1206 Chip Resistors-Thick Film	200K ohm	+/-5%	5000pcs/R
19670	1206-200Ω±5%	EVER OHMS	SMD Resistor	200 ohm	+/- 5%	5000pcs/R



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