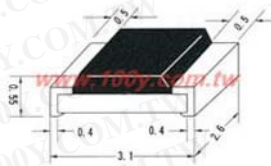


Resistors & Potentiometers

1210 Chip Resistors -(1/3W)

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

Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)
15505	1210-1.9KΩ±5%	SYNTON	1210 Chip Resistors-Thick Film	1.9K ohm	+/-5%
15506	1210-2KΩ±5%	SYNTON	1210 Chip Resistors-Thick Film	2K ohm	+/-5%
15487	1210-3.9KΩ±5%	YAGEO	1210 Chip Resistors-Thick Film	3.9K ohm	+/-5%

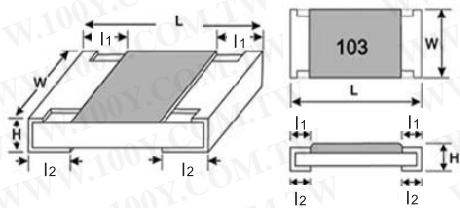
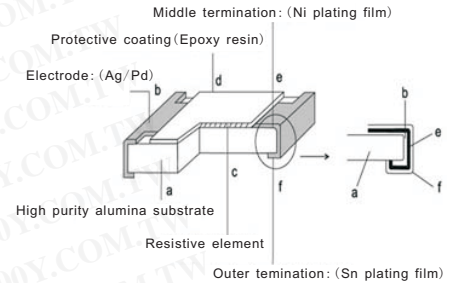


FEATURES

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

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



DIMENSION

TYPE	L	W	H	l1	l2
CR1210	3.20±0.20	2.50±0.20	0.55±0.15	0.50±0.20	0.50±0.20

Unit: mm

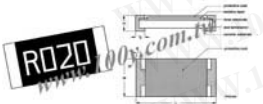
RATINGS

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%)	
CR1210	0.333W	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(Ω)	Tolerance(±)	Package
18749	PR122E20JT	EVER OHMS	1210 Chip Resistors-Thick Film	2.2 ohm	+/-5%	1 Roll

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 (matte tin) are added. See fig. 4.



TYPE	RC1210
L (mm)	3.10 ±0.10
W (mm)	2.60 ±0.15
H (mm)	0.55 ±0.10
l1 (mm)	0.50 ±0.20
l2 (mm)	0.50 ±0.20

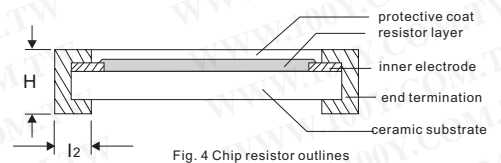
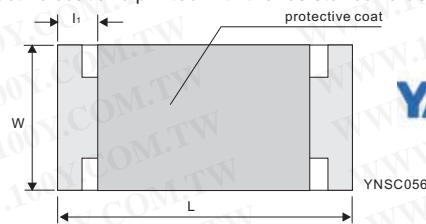
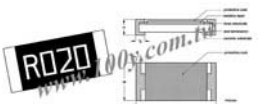


Fig. 4 Chip resistor outlines

Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)	Package
47272	RL1206FR-07R50L	YAGEO	SMD 1206 Resistor	0.5 ohm	+/-1%	5000pcs/R

2512 Chip Resistors -(1W)

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



TYPE	RC2512
L (mm)	6.35 ±0.10
W (mm)	3.10 ±0.15
H (mm)	0.55 ±0.10
l1 (mm)	0.60 ±0.20
l2 (mm)	0.50 ±0.20

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.

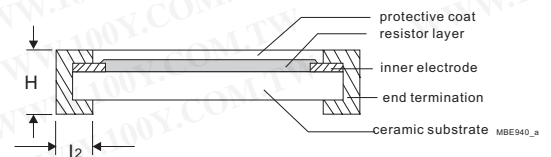
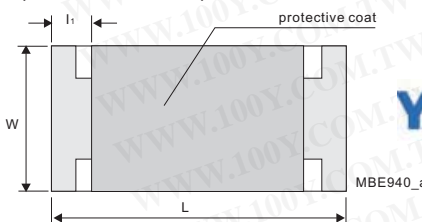


Fig. 3 Chip resistor construction



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 F A X : Taiwan: 886-3-5753172
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