

Resistors & Potentiometers

30W Cement Resistors

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

ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
Voltage Withstanding	1,000V AC 1min	no change
Insulation Resistance	500V megger	1,000MΩ
Load Life	on-off cycle 1000hrs	±5%
Moisture-proof Load Life	95%RH on-off cycle 1000hrs	±5%
Incombustibility	16 times of rated wattage for 5 min	not flamed

FEATURES

- Small dimension, excellent stability in high temperature, resistant to humidity and shock.
- Completely insulated character suitable for printed circuit board.
- Precision resistance values with longer life.
- In high resistance values, the winding cores will be replaced by power film cores.
- Super heat dissipation; small linear temperature coefficient.
- Instant overload capability; low noise figures and low annual shift on resistance values.

Note:

- Non-inductive type up to 27Ω
- The dimensions of 30W, 40W on request

Part No.	Product No.	Description	Resistance (Ω)	Tolerance (±)	Watt
19460	RS30W100EJQP	30W Cement Resistors	30W	100 Ω	+/-5%

Surface Mount Resistors Thick Film Chip Resistor Networks

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

Part No.	Product No.	Description	Resistance data(Ω)	Tolerance(±)	Power Rating (W)	Max. Working Volt.	Package
18036	RS-8P4R-120Ω	Thick Film Chip Resistor Networks	120Ω	±5%	0.625W	25V	5000PCS/R
18037	RS-8P4R-51Ω	Thick Film Chip Resistor Networks	51Ω	±5%	0.625W	25V	5000PCS/R
18034	RS-8P4R-75Ω	Thick Film Chip Resistor Networks	75Ω	±5%	0.625W	25V	5000PCS/R



Feature

- High reliability and stability
- Reduced size of final equipment
- Lower assembly cost and higher surface mounted efficiency
- Higher component and equipment reliability

Application

- Consumer electrical equipment, PDA, Digital Camcorder, ...
- EDP, Computer application
- Mobile phone, Telecom
- DIMM

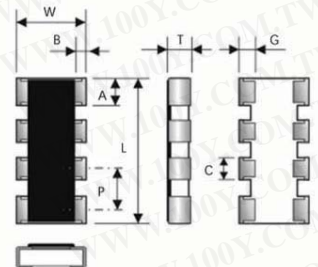


Description and Physical Dimensions

The resistors array is constructed in a high grade ceramic body (aluminum oxide). Internal metal electrodes are added at each end and connected by a resistive paste that is applied to the top surface of the substrate. The composition of the paste is adjusted to give the approximate resistance required and the value is trimmed to within tolerance by laser cutting of this resistive layer. The resistive layer is covered with a protective coat. Finally, the two external end terminations are added. For ease of soldering the outer layer of these end terminations is a Lead-tin or Tin solder alloy. Marking code description is depended on component size and tolerance. Following figure shown the construction of a Chip-R array.

Physical Dimensions

Type	L	W	T	P	A	B	C	G
WA06X	3.20 ± 0.10	1.60 ± 0.10	0.50 ± 0.10	0.80 ± 0.10	0.60 ± 0.10	0.30 ± 0.10	0.40 ± 0.10	0.30 ± 0.20



Quick Reference Data

Series No.	WA06X
Size	0603x4 (1608x4)
Termination construction	8p4R, Convex
Resistance Tolerance	±5% (E24 series)
Resistance Range	10Ω~ 1MΩ(E24 series), Jumper (0Ω)
TCR (ppm/°C)	±200 ppm/°C
Max. dissipation at Tamb=70°C	1/10 Watt
Max. Operation Voltage (DC or RMS)	50V
Max. overload voltage	100V
Climatic category (IEC 60068)	55/155/56
Basic Specification	JIS C 5202 / IEC 60115-1

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Max. Working Volt.	Package
29591	WA06X510JTL	WALSIN	Thick Film Chip Resistor Networks	51 ohm	±5%	50V	5000PCS/R



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