

# Resistors & Potentiometers

## 10W Cement Resistors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Description	Watt	Resistance ( $\Omega$ )	Tolerance ( $\pm$ )
7247	RS10W47E00JQP	10W Cement Resistors	10W	47 $\Omega$	+/-5%
7252	RS10W500E00JQP	10W Cement Resistors	10W	500 $\Omega$	+/-5%
7248	RS10W50E00JQP	10W Cement Resistors	10W	50 $\Omega$	+/-5%
7255	RS10W50K00JQP	10W Cement Resistors	10W	50K $\Omega$	+/-5%
7236	RS10W5E10JQP	10W Cement Resistors	10W	5.1 $\Omega$	+/-5%
7254	RS10W5K00JQP	10W Cement Resistors	10W	5K $\Omega$	+/-5%

## 15W Cement Resistors

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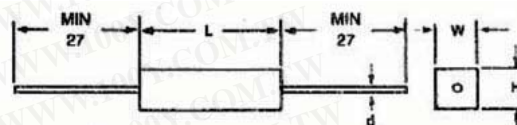
### MIL TYPE LRW

Mil type lrw are made by winding the resistance wires on the alkaliless ceramic cores, then coated with noncorrosive, heat-proof and humidity-proof material. Cement type is the one with special flameproof cement stuffed in the ceramic case.

### 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.

### SQP



TYPE	DIMENSIONS(mm)				( $\Omega$ )		MAX WORKING VOLTAGE
SQP	L $\pm$ 0.5	W $\pm$ 0.5	H $\pm$ 0.5	d $\pm$ 0.05	WIRE WOUND	MO	
15W	48.0	12.5	12.0	0.9	0.01 $\Omega$ ~ 500 $\Omega$	500~150K $\Omega$	1000V

### ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
Resistance Temp. Coeff.	~	$\pm$ 300ppm/ $^{\circ}$ C
Short Time Overload	10 times of rated wattage for 5 sec	$\pm$ 2%
Rated Load	Rated wattage for 30 min	$\pm$ 1%
Voltage Withstanding	1,000V AC 1min	no change
Insulation Resistance	500V megger	1,000M $\Omega$
Load Life	on-off cycle 1000hrs	$\pm$ 5%
Moisture-proof Load Life	95%RH on-off cycle 1000hrs	$\pm$ 5%
Incombustibility	16 times of rated wattage for 5 min	not flamed

Part No.	Product No.	Description	Watt	Resistance ( $\Omega$ )	Tolerance ( $\pm$ )
16460	RS15W750EJQP	SQP Cement Resistor 15W	15W Cement Resistors	750 $\Omega$	+/-5%

## 25W Cement Resistors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



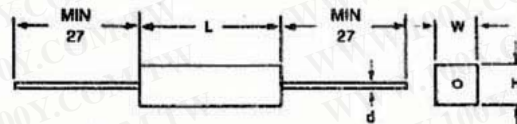
### MIL TYPE LRW

Mil type lrw are made by winding the resistance wires on the alkaliless ceramic cores, then coated with noncorrosive, heat-proof and humidity-proof material. Cement type is the one with special flameproof cement stuffed in the ceramic case.

### 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.

### SQP



TYPE	DIMENSIONS(mm)				( $\Omega$ )		MAX WORKING VOLTAGE
SQP	L $\pm$ 0.5	W $\pm$ 0.5	H $\pm$ 0.5	d $\pm$ 0.05	WIRE WOUND	MO	
25W	60.0	14.0	13.0	0.9	0.01 $\Omega$ ~ 500 $\Omega$	500~150K $\Omega$	1000V

### ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
Resistance Temp. Coeff.	~	$\pm$ 300ppm/ $^{\circ}$ C
Short Time Overload	10 times of rated wattage for 5 sec	$\pm$ 2%
Rated Load	Rated wattage for 30 min	$\pm$ 1%
Voltage Withstanding	1,000V AC 1min	no change



T E L : Taiwan : 886-3-5753170  
F A X : Taiwan : 886-3-5753172  
E-mail : Taiwan : [us\\_sale@100y.com.tw](mailto:us_sale@100y.com.tw)

Shenzhen : 86-755-83298787  
Shenzhen : 86-755-83640655  
Shenzhen : 100y@163.com

Shanghai : 86-21-54151736  
Shanghai : 86-21-64605107  
Shanghai : 100y-1@163.com