

# Resistors & Potentiometers

## 25W Cement Resistors

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

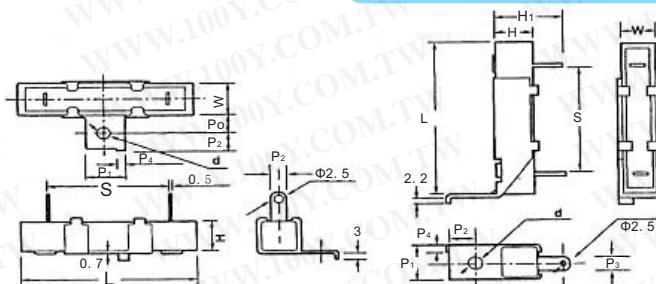
### ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
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

Part No.	Product No.	Description	Watt	Resistance (Ω)	Tolerance (±)
23783	RS25W0R02J	SQP Cement Resistor 25W	25W	0.02Ω	+/-5%
12746	RS25W12E0JQP	SQP Cement Resistor 25W	25W Cement Resistors	12 Ω	+/-5%

## 20W Cement Resistors

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



DIMENSIONS (mm) :

STYLE	DIMENSION (mm)									
	L	H	W	S	P0	P1	P2	P3	P4	d
SQH-20W	63.5±2.0	12.5±1.5	12.5±1.0	48.0±2.0	8.0	11.0	6.0	6.0	3.0	3.8

### ELECTRICAL CHARACTERISTICS:

Style	SQH-20W
Operating Temp. Range	-55°C ~ +155°C
Max. Working Voltage	500V
Max. Overload Voltage	1000V
Dielectric Withstanding Voltage (AC)	1000V
Value Range 5% (Ceramic core)	0.51Ω ~ 1K
Value Range 5% (Metal Oxide Film)	300Ω ~ 10K
Temp. Coefficient	±300ppm/°C

Part No.	Product No.	Description	Watt	Resistance (Ω)	Tolerance (±)
29874	H20W20RJ	20W Cement Resistors	20W	20Ω	±5%



### MIL TYPE LRW

Mil type lrw are made by winding the resistance wires on the alkaliess 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.

### ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
Resistance Temp. Coeff.	~	±300ppm/°C
Short Time Overload	10 times of rated wattage for 5 sec	±2%
Rated Load	Rated wattage for 30 min	±1%
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

