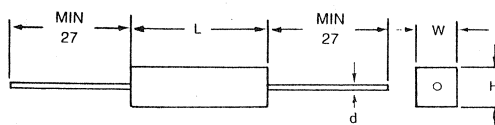


# CEMENT WIREWOUND RESISTORS (MIL TYPE LRW) 水泥電阻

## INTRODUCTION:

1. Completely insulate character suitable for printed circuit board mounting.
2. Super heat dissipation; small linear temperature coefficient.
3. For high resistance value, the winding core is replaced by Metal Oxide Film cutting core (mo).
4. Instant Overload capability ; low noise figure and without annual shift on resistance value.
5. As applying non-flammable materials, even if over current flows, there will be no self-ignition occurred.

## SQP



SOP	DIMENSIONS(mm)				Resistance Range( $\Omega$ )		Max Working Voltage
	L $\pm$ 0.5	W $\pm$ 0.5	H $\pm$ 0.5	d $\pm$ 0.03	Wire Wound	MO	
2W	18.0	7.0	7.0	0.65	0.1 $\Omega$ ~ 120 $\Omega$	120~20K $\Omega$	150V
3W	22.0	8.0	8.0	0.8	0.1 $\Omega$ ~ 150 $\Omega$	150~33K $\Omega$	350V
5W	22.0	9.5	9.0	0.8	0.1 $\Omega$ ~ 200 $\Omega$	201~50K $\Omega$	350V
7W	35.0	9.5	9.0	0.8	0.1 $\Omega$ ~ 500 $\Omega$	501~50K $\Omega$	500V
10W	48.0	9.5	9.0	0.8	0.1 $\Omega$ ~ 500 $\Omega$	501~50K $\Omega$	750V
15W	48.0	12.5	12.0	0.8	0.5 $\Omega$ ~ 1K $\Omega$	1K~150K $\Omega$	1000V
20W	60.0	14.0	13.5	0.8	0.5 $\Omega$ ~ 1K $\Omega$	1K~150K $\Omega$	1000V

Test Items	Condition	Spec.
Resistance Temp Coeff	-30 $^{\circ}$ C~155 $^{\circ}$ C	$\pm$ 300 ppm/ $^{\circ}$ C
Stiort Time Over Load	5 times of rated wattage for 5 sec.	$\pm$ 2%
Rate Load	Rate watt 30 min.	$\pm$ 1%
Voltage Durability	1000V AC 1 min.	not changed
Insulation Resistance	500V megger	500 M $\Omega$
Temp Cycle	-30 $^{\circ}$ C~85 $^{\circ}$ C 5 cycles	$\pm$ 1%
Load Life	70 $^{\circ}$ C on-off cycle 1000 hrs	$\pm$ 5%
Moisture-proof Load Life	40 $^{\circ}$ C 95% PH on-off cycle 500 hrs	$\pm$ 3%
Incombustibility	6 times of rated wattage for 5 min	not flamed