1W Metal Oxide Film Resistor

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

Part No.	Product No.	Description	Resistance data (Ω)	Tolerance (±)	Power
16529	RO1W33K0JT	Metal Oxide Film Resistor	33K ohm	+/-5%	1W
33744	RO1W3E30JT	Metal Oxide Film Resistor	3.3 ohm	+/-5%	1W
16530	RO1W510EJT	Metal Oxide Film Resistor	510 ohm	+/-5%	1W
24926	RO1W68E0JT	Metal Oxide Film Resistor	68Ω	+-5%	1W
33751	RO1W68E0JT	Metal Oxide Film Resistor	68 ohm	+/-5%	1W

2W Metal Oxide Film Resistor

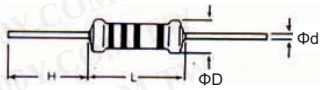
Detailed product specifications are available on: us. 100y. com. tw

INTRODUCTION

KNP type is to wind the resistance wire on a alkaliless ceramic basic, coated with non-corrosive and high insulating heat proof material.

FEATURES

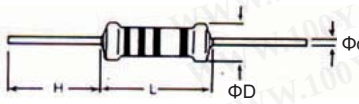
- Super heat dissipation
- Small linear temperature coefficinet
- Instant overload capability
- Low noise figure and without annual shift on resistance value



TYPE	RATED WATTS	DIMENSIONS (mm)				Resistance range (Ω)
		D±0. 5mm	L±0. 5mm	H (min)	D±0. 05	
KNP-2W	2W	5. 5	16	27	0. 8	0. 1~200Ω

Test Items	Condition	Spec.
Resistance Temp Coeff	-30°C~200°C	±300ppm/°C
Short time over load	5 times of rated wattage for 5 sec	±2%
Rate load	Rate watt 30 min.	±1%
Voltage durability	500VAC 1 min	Not changed
Insulation resistance	500V megger	500MΩ
Temp cycle	-30°C~85°C 5 cycles	±1%
Load life	70°C on-off cycle 1000hrs	±5%
Moisture-proof load life	40°C 95% PH on-off cycle 500hrs	±3%
Incombustbility	6 times of rated wattage for 5 min	Not flamed

Part No.	Product No.	Description	Resistance data(Ω)	Tolerance(±)	Power
29024	KNP-2W-0.27Ω	Metal Oxide Film Resistor	0.27Ω	+/-1%	2W



INTRODUCTION

Through the developments of electronic equipments and computerized devices, it has been urging all kinds of components to minimization, light-weight, durability, high stability and reliability. To keep quality stable under high temperature operation, the per unit film area shall take large load. Metal Oxide Film resistors is the one that can satisfy the requirements

MOS: Small-sized metal oxide film resistors, using selected ceramic, with high performance which is suitable for compact sets. .

FEATURES

- Small in size comparatively
- Electrical and mechanical stability and high reliability.
- Nonflame painting, "Solvent" proof, resistant to heat & humidity.
- Annual shit is low for the strengthened metal oxide film.
- Low noise: can produce high resistance value which wire wound resistors can not reach

SPECIFICATION

TYPE		MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	RESISTANCE RANGE
MO	MOS			±5%(J)
2W	2W	350V	700V	1O-1M

DIMENSION

TYPE		DIMENSION(mm)			
MO	MOS	L±1	D±0. 5	d±0. 1	H (MIN)
2W	3W	16	5. 5	0. 75	27

REQUIRERISTICS	PERFORMANCE	TEST METHOD	
		JIS-C-5202	MIL-STD-202
Operating Temp. Range	-55°C~+155°C	———	———
Temp. Coefficient(ppm/°C)	± 300	5.2	METHOD 304
Short Time Overload	ΔRmax≤±(1%+0. 05O)	5.5-A	———
Resistance to Soidering Heat	ΔRmax≤±(1%+0. 05O)	6.4.350°C3 Sec	METHOD 304
Temp. Cycling	ΔRmax≤±(1%+0. 05O)	7.4.-55°C/85°C.5 cycles	METHOD 210
Moisture Resistance	ΔRmax≤±5%	7.9 95%RH on-off 1.000 hr	METHOD 107
Load Life	ΔRmax≤±5%	7.10 70°C on-off 1.000 hr	METHOD 106
Dielectric Withstanding Voltage	ΔRmax≤±(0.5%+0. 05O)	5.7-A	METHOD 108

T E L : Taiwan: 886-3-5753170
F A X : Taiwan: 886-3-5753172
E-mail : Taiwan :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