

Resistors & Potentiometers

Power Wirewound Resistors Flame-Proof Coating

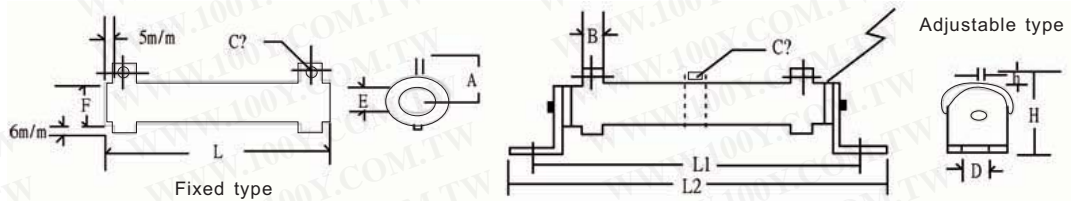
Detailed product specifications are available on: us.100y.com.tw

TESTITEM	TEST METHODS	CHARACTERISTICS
Resistance and resistance tolerance	JIS-C-5202 5-1	Resistance Nominal Tolerance $1\Omega > R$ $\pm 10\%(K)$
Temperature coefficient	JIS-C-5202 5-2	$\pm 400\text{PPM} / ^\circ\text{C MAX}$
Power rating load	JIS-C-5202 5-4	$\Delta R / R \leq \pm 1\%$ Surface Δ temperature
Short-time overload	JIS-C-5202 5-5	300% rated power 5 seconds $\Delta R / R \leq \pm 2\%$
Insulation resistance	JIS-C-5202 5-6	100M Ω min DC500V
Dielectric withstanding voltage		AC3000V 1 minute

Part No.	Product No.	Manufacturer	Description	Resistance (Ω)	Tolerance (\pm)	Power W	L*F(mm)
36411	RK1500W5E00JT	LIKET	Bibbon type wirewound resistor	5 ohm	+/-5%	1500W	584*60

Power Wirewound Resistors

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POWER RATING	DIMENSIONS (mm)											
	L ± 2	F ± 1	E ± 0.2	A ± 0.1	B ± 0.2	L1 ± 2	C $\varnothing \pm 0.1$	h ± 1	D ± 0.1	L2 ± 2	H ± 2	RESISTANCE RANGE(Ω)
40W	110	17	8	20	5	123	2.5	12	3	142	37	1 Ω -40K Ω
100W	140	28	18	32	8	170	4	18	5	194	60	0.1 Ω -100K Ω

FEATURES

These resistors are made by winding resistance ribbon around a ceramic tube in wave shape. They are extremely good in dissipation of heat, and their small size vs. large current capacity is 1.5 times that of their counterparts, the power types. KNR type is also supplied with nonflame resin coating.

TESTITEM	TEST METHODS	CHARACTERISTICS
Resistance and resistance tolerance	JIS-C-5202 5-1	Resistance Nominal Tolerance $1\Omega \leq R$ $1\Omega > R$ $\pm 5\%(J) \pm 10\%(K)$
Temperature coefficient	JIS-C-5202 5-2	$\pm 200\text{PPM} / ^\circ\text{C MAX}$
Power rating load	JIS-C-5202 5-4	$\Delta R / R \leq (1\% + 0.05\Omega)$ Surface temperature up 350°C MAX
Short-term overload	JIS-C-5202 5-5	1000% rated power 5 seconds $\Delta R / R \leq (2\% + 0.05\Omega)$
Insulation resistance	JIS-C-5202 5-6	100M Ω min DC500V
Dielectric withstanding voltage	JIS-C-5202 5-7	AC3000V 1 minute

Part No.	Product No.	Manufacturer	Description	Resistance (Ω)	Tolerance (\pm)	L*F(mm)	Power W
28963	RK100W50E0J	LIKET	Power Wirewound Resistors	50ohm	$\pm 5\%$	140*28	100
19731	RK100W8E00J	LIKET	Power Wirewound Resistors	8 ohm	$\pm 5\%$	110*17	100
12198	RW4022E0JSU		Power Wirewound Resistors	22 ohm	+/-5%	110*17	40W



Features

- Rugged vitreous enamel
- All-welded construction
- Low cost
- Uniformly tinned leads
- Meets or exceeds MIL-R-26 standards

Typical Applications

- Circuit boards
- Terminal boards
- Automated circuit board population
- Point-to-point wiring
- Load adjustors for power amplifiers

Description

The VC Series resistors are low cost, high quality, axial-lead resistors. The resistors have a ceramic core with a conformal vitreous enamel coating. Each resistor is clearly marked with resistance value and tolerance. Its small size makes it excellent for circuit board, point-to-point or terminal applications. The VC series is made in accordance to MIL-R-26 standards and is ideal for today's technology.



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