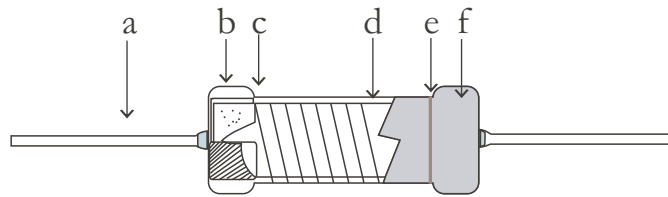




● Features

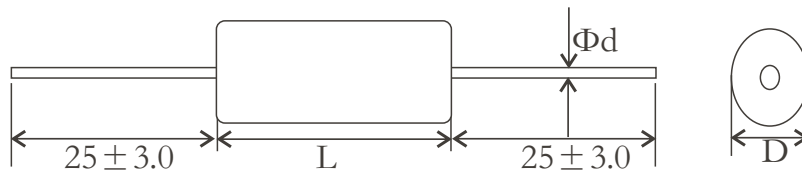
- High dissipation up to 30 W (25 °C)
- Fire proof
- Excellent endurance typical drift $\pm 1.5\%$ after 1000 h
- Conformal vitreous enamel
- All welded construction
- Low ohmic values $0.33\ \Omega$ available
- Termination: Sn/Ag/Cu

● Construction



a	b	c	d	e	f
lead wire	cap	ceramic base	wirewound	marking	vitreous enamel coating

● Dimensions



Type	SIZE	Power Rating at 70°C (w)	Power Rating at 25°C (w)	Dimensions(mm)		
				L	D	Φd
RXG2	0634(6*34)	7W	8W	33.7±1	7.4±1.5	0.8±0.1
	0834(8*34)	9.5W	11W	33.7±1	7.4±1.5	0.8±0.1
	0845(8*45)	9.5W	11W	45.8±2	9.4±1.5	0.8±0.1
	1045(10*45)	21W	25W	45.8±2	9.4±1.5	0.8±0.1
	1064(10*64)	21W	25W	63.8±1	9.4±1.5	0.8±0.1
	1065(10*65)	25.8W	30W	63.8±1	9.4±1.5	0.8±0.1

● Reference Standards

JIS C 5201-1

Ordering Data

Example:

RXG2	0634	J	1K00
(1)	(2)	(3)	(4)
Type	Size	Resistance Tolerance	Resistance Value

(1)Type:RXG2 SERIES

(2)Size: 0634=7&8W、0834=9.5&11W、0845=9.5&11W、1045=21&25W、1064=21&25W、1065=25.8&30W、

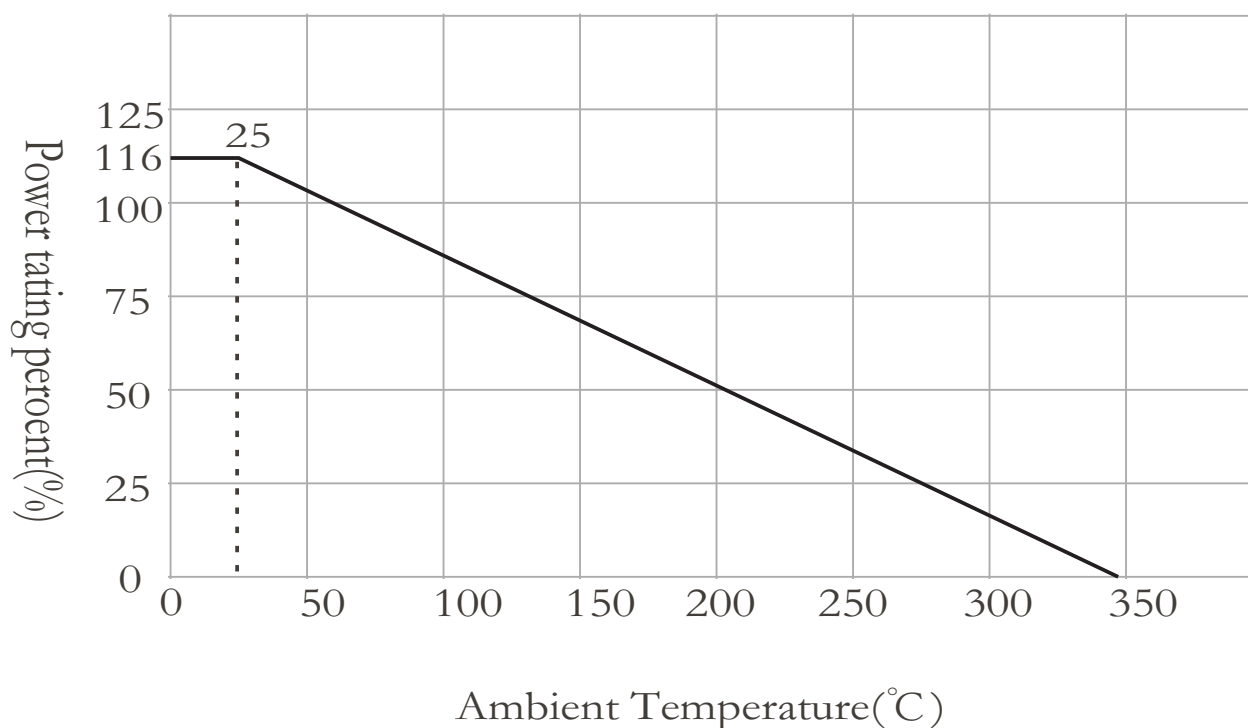
(3)Tolerance: F= ± 1%、G= ± 2%、J= ± 5%

(4)Resistance Value:1K00=1KΩ

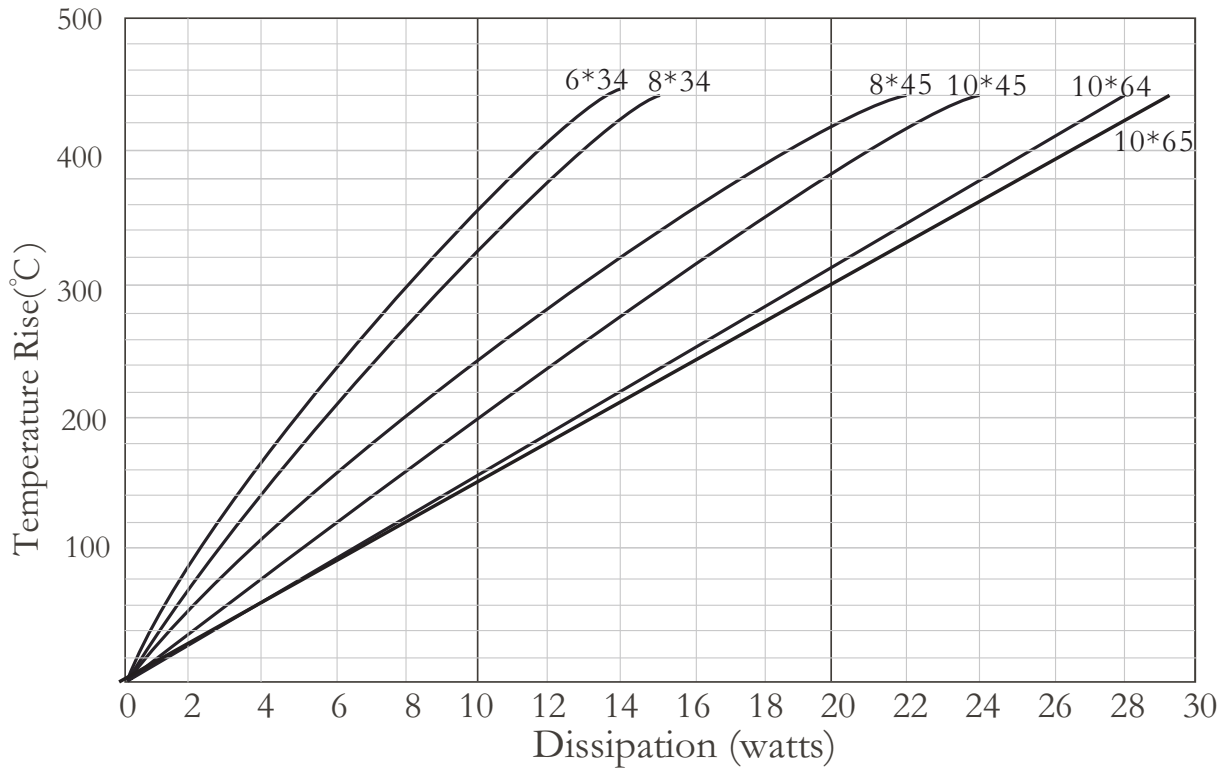
Applications and ratings

Type	SIZE	Power Rating at 70°C (w)	Power Rating at 25°C (w)	With Surface Temp. ≤ +450 °C (w)	Resistance range(Ω)	Limiting Element Voltage (volts)	Tolerance Range
RXG2	0634(6*34)	7W	8W	12W	0.33~36K	500V	F= ± 1% G= ± 2% J= ± 5%
	0834(8*34)	9.5W	11W	14W	0.33~36K	650V	
	0845(8*45)	9.5W	11W	20W	0.47~62K	650V	
	1045(10*45)	21W	25W	25W	0.47~62K	800V	
	1064(10*64)	21W	25W	25W	0.68~100K	800V	
	1065(10*65)	25.8W	30W	30W	0.68~100K	800V	

Derating Curve



● Typical Temperature Rise



● Performance

TESTS	CONDITIONS	REQUIREMENTS	TYPICAL DRIFTS
Short Time Overload	10 P r during 10 s 25 °C ambient	$\pm (2 \% + 0.1 \Omega)$	$\pm (0.5 \% + 0.05 \Omega)$
Temperature Cycling(5 cycles)	-55 °C +200 °C	$\pm (1 \% + 0.05 \Omega)$	$\pm (0.5 \% + 0.05 \Omega)$
Humidity (Steady State)	56 days 40 °C ambient - R.H. 95 %	$\pm (5 \% + 0.1 \Omega)$	$\pm (0.5 \% + 0.05 \Omega)$
Terminal Strength	Tensile test: 20 N 2 successive bending 2 full rotations of 180°	$\pm (1 \% + 0.05 \Omega)$	$\pm (0.1 \% + 0.05 \Omega)$
Load Life	1000 h at P r 90'/30' cycle 25 °C ambient	$\pm (5 \% + 0.1 \Omega)$	$\pm (1.5 \% + 0.05 \Omega)$

● Electrical Specifications

Tolerance	Standard	$\pm 5 \% (NI + 10 \%)$
	On request	$\pm 1 \% \text{ and } \pm 2 \% (NI \pm 5 \%)$
Temperature Coefficient		+75 ppm/°C typical
Dielectric Withstanding Voltage NF En140000		500 V RMS - 1 min - 10 mA
Inductance		Non inductive (Ayrton-Perry) winding available