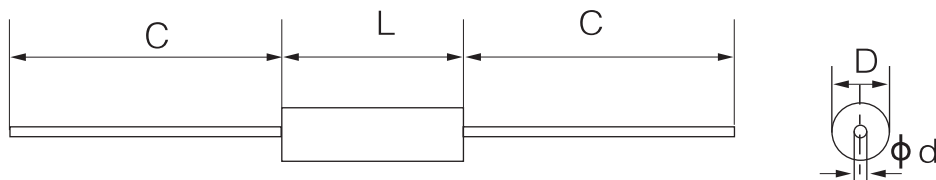


● Features

- I High stability, high precision, moisture proof
- II Measure up GJB1929-1994
- III Temp.range:-65℃ ~ 150℃
- IV Stability: ± 0.5%, 125℃, 1000h
- V Mold style

● Dimensions



Type	Power	Dimensions(mm)			
		L ± 0.5	D ± 0.5	C ± 1	d ± 0.05
RN50	0.067W	3.9	1.8	26	0.50
RN55	1/8W	7.0	2.5	35	0.60
RN60	1/4W	10.0	3.4	35	0.60
RN65	1/2W	14.8	5.2	35	0.60
RN70	3/4W	18.3	6.5	35	0.80

● Ordering Information

Example:

RN	1	B	10R0	C10	B
(1)	(2)	(3)	(4)	(5)	(6)
Series Name	Power Rating	Resistance Tolerance	Resistance	T.C.R	Packing

(1)Type: RN SERIES

(2)Power Rating: 50=0.067W, 55=1/8W, 60=1/4W, 65=1/2W, 70=3/4W

(3)Tolerance: W= ± 0.05%, B= ± 0.1%, C= ± 0.25%, D= ± 0.5%, F= ± 1%

(4)Resistance Value: 10R0=10Ω

(5)T.C.R: C5= ± 15PPM, C4= ± 20PPM, C3= ± 25PPM, C2= ± 50PPM

(6)Packing: B=BOX

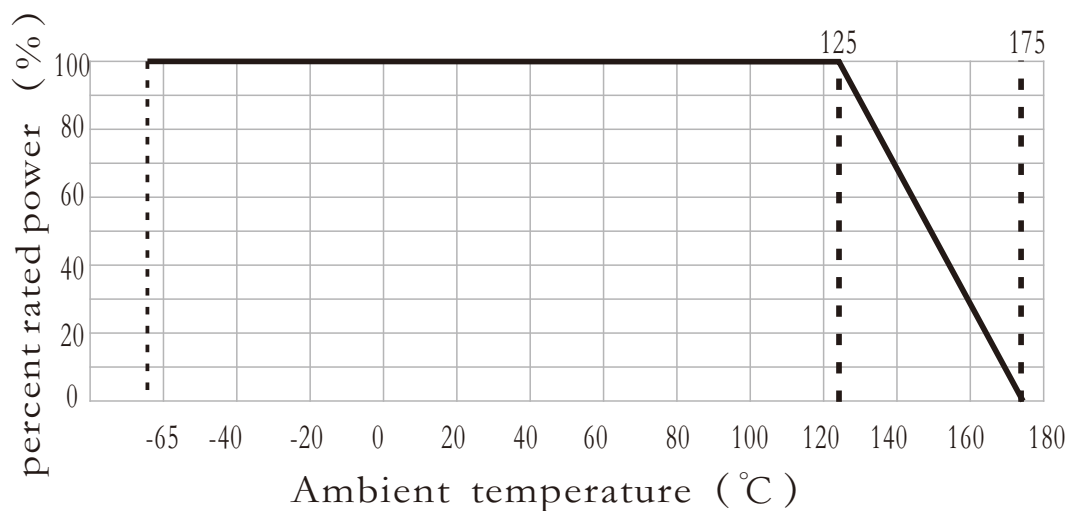
● Applications And Ratings

Type	TYPE OF GJB1929-1994	Power Rating at tu℃ (W)		MaxWorking Voltage	Resistance Range(Ω)	Tolerance Range	T.C.R
		70℃	125℃				
RN50	RJK52	0.067	0.050	200	0R1~2M0	W(± 0.05%) B(± 0.1%) C(± 0.25%) D(± 0.5%) F(± 1.0%)	C5(± 15) C4(± 20) C3(± 25) C2(± 50)
RN55	RJK53	0.125	0.100	200	0R1~3M0		
RN60	RJK54	0.250	0.125	250	0R1~5M0		
RN65	RJK55	0.500	0.250	300	0R1~5M0		
RN70	RJK56	0.750	0.500	350	0R1~10M		

Reference Standards

JISC 5201-1

Derating Curve



Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
Short time overload	$\leq \pm (0.20\%R + 0.01\Omega)$	5P _R ,1h
Thermal shock	$\leq \pm (0.20\%R + 0.01\Omega)$	-65°C ~ 150°C, 5cycles
Low temp.operation	$\leq \pm (0.15\%R + 0.01\Omega)$	-65°C, P _R , 1h
Dielectric strength	$\leq \pm (0.15\%R + 0.01\Omega)$	1000V _{AC} , 1min
Leaching	$\leq \pm (0.1\%R + 0.01\Omega)$	260°C, 10s
Resistance to moisture	$\leq \pm (0.4\%R + 0.01\Omega)$	-10°C ~ 65°C, RH80-98%, 240h
Load life	$\leq \pm (0.5\%R + 0.01\Omega)$	125°C, P _R , 1000h
Shock	$\leq \pm (0.2\%R + 0.01\Omega)$	1000m/s ² , 6ms
Vibration	$\leq \pm (0.2\%R + 0.01\Omega)$	10~1000Hz, 0.75mm, 200m/s ²