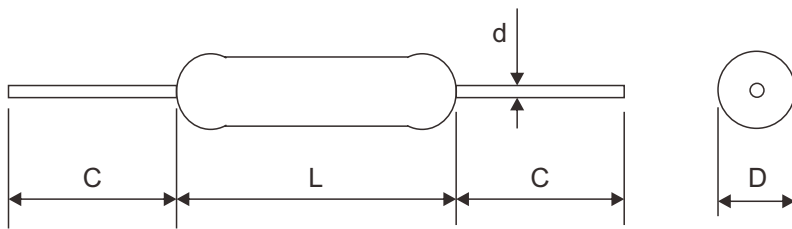




● Features

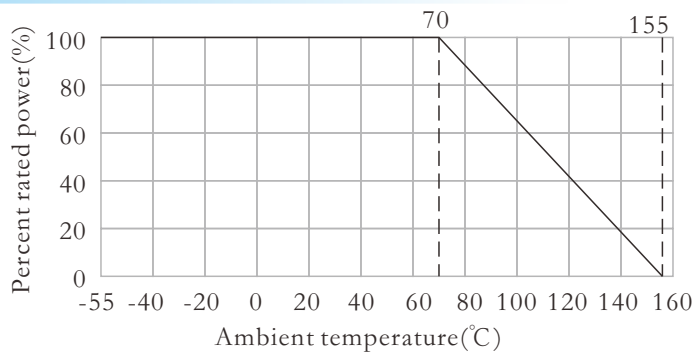
- I Come up to :GB/T5729-2003
- II Temp range : $-55^{\circ}\text{C} \sim 155^{\circ}\text{C}$
- III Stability : $\pm 0.5\%$ 70°C 1000h
- IV Coated style

● Dimensions



Type	Dimensions(mm)			
	$L \pm 0.5$	$D \pm 0.3$	$C \pm 2$	$d \pm 0.05$
RE76	24.5	8.0	28	1.0
RE77	30.5	8.3	28	1.0

● Derating curve



● Ordering Information

Example:

RE76	03	F	10R00	C3
(1)	(2)	(3)	(4)	(5)
Series Name	Power Rating	Resistance Tolerance	Resistance	T.C.R

(1)Series Name:RE76,RE77

(2)Power Rating: 03=3W,04=4W

(3)Resistance Tolerance:B= $\pm 0.1\%$,C= $\pm 0.25\%$,D= $\pm 0.5\%$,F= $\pm 1.0\%$

(4)Resistance:0R100=0.1 Ω ,0R220=0.22 Ω ,10R00=10 Ω ,1M000=1M Ω

(5)T.C.R:C3= $\pm 25\%$ PPM/ $^{\circ}\text{C}$,C2= $\pm 50\%$ PPM/ $^{\circ}\text{C}$,C1= $\pm 100\%$ PPM/ $^{\circ}\text{C}$

● Reference Standards

JISC 5201-1

● Applications And Ratings

Type	Power rating at 70°C (W)	Limiting element voltage(V)	Resistance range (Ω)	Tolerance range	(PPM/°C)
RE76	3	500	10R~10M	B=±0.1% C=±0.25% D=±0.5% F=±1.0%	C3=±25% C2=±50% C1=±100%
RE77	4	500	10R~10M		

● Performance

Test items	Performance requirements	Test methods(JIS C 5201-1)
Short time overload	$\leq \pm (0.25\%R + 0.05\Omega)$	2.5 times rated voltage, 5S
Temperature shock	$\leq \pm (0.25\%R + 0.05\Omega)$	-55°C ~ 155°C, 5 cycles, 0.5h
Dielectric strength	$\leq \pm (0.25\%R + 0.05\Omega)$	450V, 1min, 100V/S
Resistance to solder	$\leq \pm (0.25\%R + 0.05\Omega)$	260°C, 10S
Resistance to moisture	$\leq \pm (0.5\%R + 0.05\Omega)$	-10°C ~ 65°C, RH80-98%, 240h
Load life	$\leq \pm (0.5\%R + 0.05\Omega)$	70°C, Pe, 1000h
Shock	$\leq \pm (0.25\%R + 0.05\Omega)$	980m/S ² , 6mS
Vibration	$\leq \pm (0.25\%R + 0.05\Omega)$	0~500Hz, 0.75mm, 98/S ²