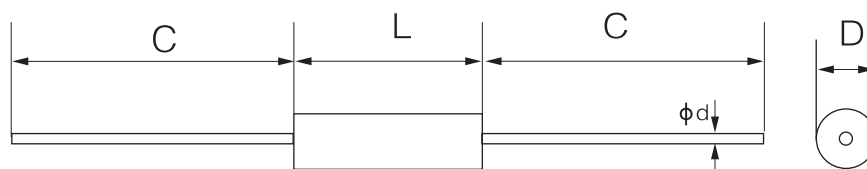


Features

- I High precision
- II Low TCR
- III Moisture proof
- IV Mold style
- V LOW Noise

Dimensions



Type	Power (70°C)	Dimensions(mm)			
		L ± 0.5	D ± 0.5	C ± 1	d ± 0.05
UAR1/10	0.100W	7.0	2.5	35	0.60
UAR1/8	0.125W	10.0	3.5	35	0.60
UAR1/4	0.250W	14.8	5.2	35	0.60

Ordering Information

Example:

UAR	0125	B	1M0	C5	B
(1)	(2)	(3)	(4)	(5)	(6)
Series Name	Power Rating	Resistance Tolerance	Resistance	T.C.R	Packing

(1)Type: UAR SERIES

(2)Power Rating: 0.10W、0.125W、0.250W

(3)Tolerance: L(±0.01%),P=±0.02%,W=±0.05%,B=±0.1%,F=±1%

(4)Resistance Value:1M0=1MΩ

(5)T.C.R:C8=±3PPM,C7=±5PPM,C6=±10PPM,C5=±15PPM,C4=±20PPM,C3=±25PPM,C2=±50PPM

(6)Packing:B=BOX

Packing:Plastic recloseable bags(moq:30pcs)。

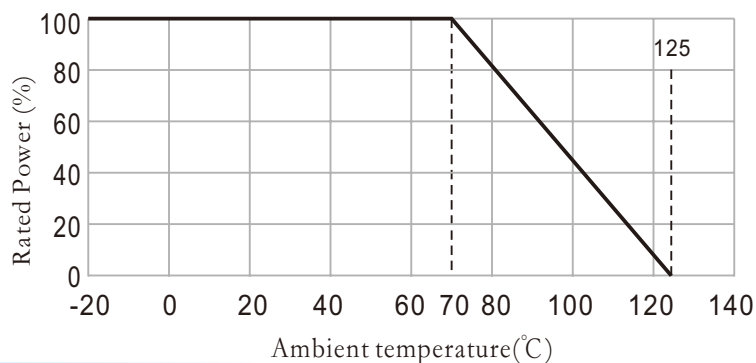
Reference Standards

JISC 5201-1

Applications And Ratings

Type	Power Rating(W) at 70°C	Resistance Range(Ω)	MaxWorking Voltage	Tolerance Range	T.C.R PPM/°C
UAR1/10	0.100	500R~1M0	100	L(±0.01%) P(±0.02%) W(±0.05%) B(±0.1%)	C8(±3),C7(±5), C6(±10),C5(±15), C4(±20),C3(±25)
UAR1/8	0.125	500R~1M0	150		
UAR1/4	0.250	500R~1M0	200		

Derating Curve



Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
Short time overload	$\leq \pm (0.01\%R + 0.01\Omega)$	2.5VR,5S
Thermal shock	$\leq \pm (0.02\%R + 0.01\Omega)$	-55°C / 125°C ,5cycles
Dielectric strength	$\leq \pm (0.01\%R + 0.01\Omega)$	1000V _{AC} ,1min $\pm$ 5s
Leaching	$\leq \pm (0.01\%R + 0.01\Omega)$	260°C ,10s
Load life	$\leq \pm (0.05\%R + 0.01\Omega)$	70°C ,P _R ,1000h
Vibration	$\leq \pm (0.015\%R + 0.01\Omega)$	10~500Hz,0.75mm,98m/s ²

We can offer more design of power resistor, for further information,
Contact with kwx@kwxcom.com