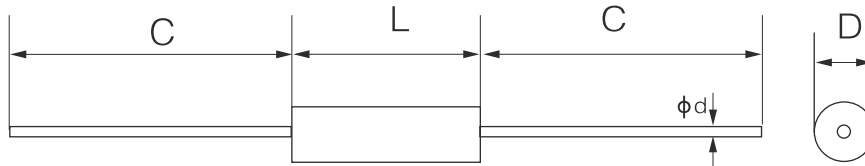


Features

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

Dimensions



Type	Power (85°C)	Dimensions (mm)			
		L ± 0.5	D ± 0.5	C ± 1	d ± 0.05
UAR1	0.125W	7.0	2.5	35	0.63
UAR2	0.25W	10.0	3.5	35	0.63
UAR3	0.33W	14.8	5.2	35	0.63

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: 0125=0.125W, 025=0.25W, 033=0.33W

(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: 30 pcs).

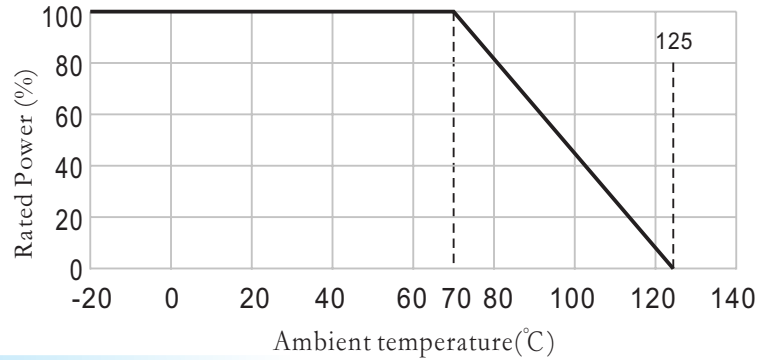
Reference Standards

JISC 5201-1

Applications And Ratings

Rated Power (W)	Power Rating (W) at 70°C	Resistance Range (Ω)	Max Working Voltage	Tolerance Range	T.C.R PPM/°C
0.125W	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)
0.25W	0.125	500R~1M0	150		
0.33W	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 ± 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 kh@khxcom.com