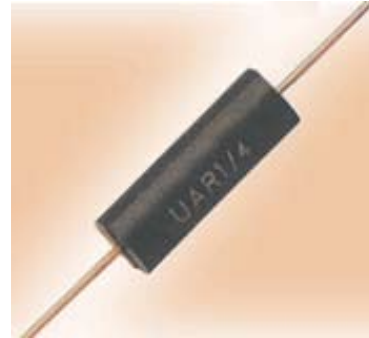
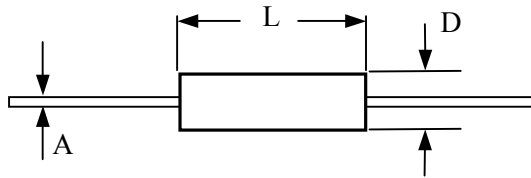




Precision Resistors

High Precision Resistors Mold Type - UAR Series / 超精密电阻器模压型



► UAR Resistor Technical Characteristics

Type		UAR1/4	UAR1/8	UAR1/10
Power Rating at 85°C (W)		0.33	0.25	0.125
Max. Working Voltage (V)		300	300	300
Resistance Range (Ω)		500.0~1.0M	100.0~1.0M	100.0~1.0M
Dimensions (mm)	L±0.3	14.8	10.0	6.8
	D±0.3	5.2	3.7	2.5
	A±0.05	0.6	0.6	0.6

► UAR Resistor Specification

Tolerance:	±0.02, ±0.05, ±0.10, ±0.25, ±0.5, ±1.0%
Temp. Coefficient:	±3, ±5, ±10, ±15ppm/°C
Standard temperature characteristic:	+25 to 85 °C
on request:	-10 to +85 °C
Noise:	less than 0.05 μV/V
Voltage coefficient:	less than 0.02 ppm/V
Non linearity (3. Harm):	more than (-100)dB
Inductivity:	≤1MHz
Thermal voltage to copper:	1 ~ 3 μV/°C
Isolations Resistance:	10 ¹⁰ Ω

► Tests According MIL STD 202 - High Precision Resistors

Temperature cycling:	0.02%
Low temp. operation:	0.013%
Short time overload:	0.01%
Dielectric strength:	0.01%
Load life:	0.04%
Resistance to soldering heat:	0.012%
Moisture test:	0.050%
Shock-and Vibrations test:	0.015%



Precision Resistors

► How to Order

UAR1/8

①

100R

②

B

③

C6

④

P

⑤

① Product type: UAR1/4, UAR1/8,
UAR1/10.

② Resistance Value (Ω): 500.0 ~ 1.0M,
100.0 ~ 1.0M,
100.0 ~ 1.0M.

③ Resistance Tolerance (%)

Code	Resistance Tolerance (%)
A2	± 0.02
A5	± 0.05
B	± 0.10
C	± 0.25
D	± 0.50
F	± 1.00

④ Temperature Coefficient (ppm/ $^{\circ}$ C)

Code	Temperature Coefficient (ppm/ $^{\circ}$ C)
C9	± 3
C7	± 5
C6	± 10
C5	± 15

⑤ Packaging: P (Bulk)