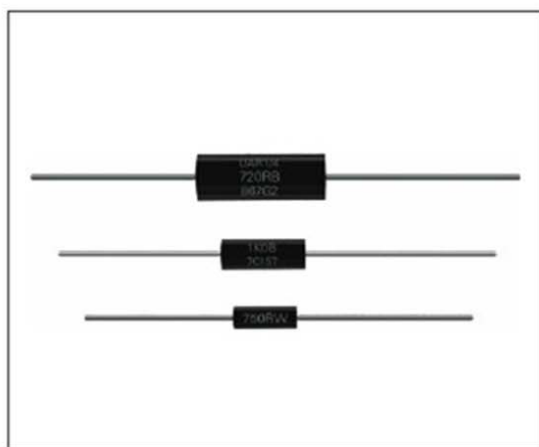
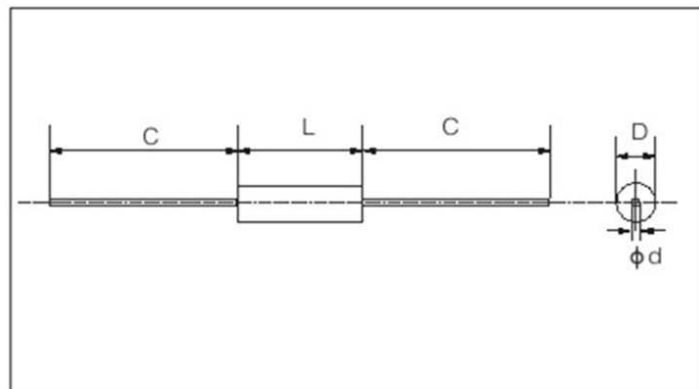


UAR high reliability metal film resistors



Construction



Features

- High precision
- Low TCR
- Moisture proof
- Mold style

Dimensions (mm)

size	L	D	C	d
UAR1/10	7.0	2.5	35	0.63
UAR1/8	10.0	3.4	35	0.63
UAR1/4	14.8	5.2	35	0.63

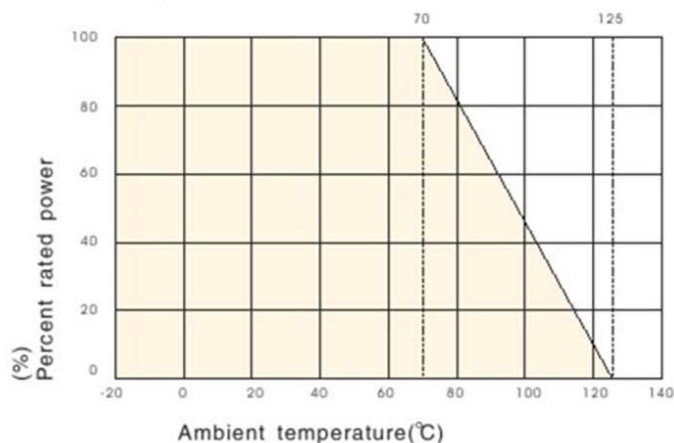
Applications

- Meters and instructs
- Electronic weighing apparatus

Reference Standards

GB/T5729-2003

Derating Curve



Technical Specifications

Type	(W) Power Rating at 70°C	Max Working Voltage (V)	Resistance Range	Tolerance Range	TCR (ppm/°C)
UAR1/10	0.100	100	500R~1M0	P(±0.02%),	C7(±5), C6(±10),
UAR1/8	0.125	150	500R~1M0	W(±0.05%),	C5(±15), C4(±20),
UAR1/4	0.250	200	500R~1M0	B(±0.1%)	C3(±25),

Performance

Test Item	Specifications	Test Method
Short time overload	$\leq \pm(0.1\%R+0.01\Omega)$	2.5V _R , 5s
Thermal shock	$\leq \pm(0.1\%R+0.01\Omega)$	-55°C/125°C, 5cycles
Dielectric strength	$\leq \pm(0.1\%R+0.01\Omega)$	V _{AC} , 1min±5s
Leaching	$\leq \pm(0.1\%R+0.01\Omega)$	260°C, 10s
Load life	$\leq \pm(0.2\%R+0.05\Omega)$	70°C, P _R , 1000h
Vibration	$\leq \pm(0.4\%R+0.01\Omega)$	10~500Hz, 0.75mm, 98m/s ²

How To Order

Example

UAR	1/10	0.1W	500R	±0.02%	±5ppm	Boxes
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
UAR	1/10 1/8 1/4	0.1W 0.125W 0.25W	500R	±0.02% ±0.05% ±0.1%	±5ppm ±10ppm ±15ppm ±20ppm ±25 ±50	boxes

Packaging: Plastic recloseable bags (moq: 30pcs).

Mold style resistors frequency characteristic

