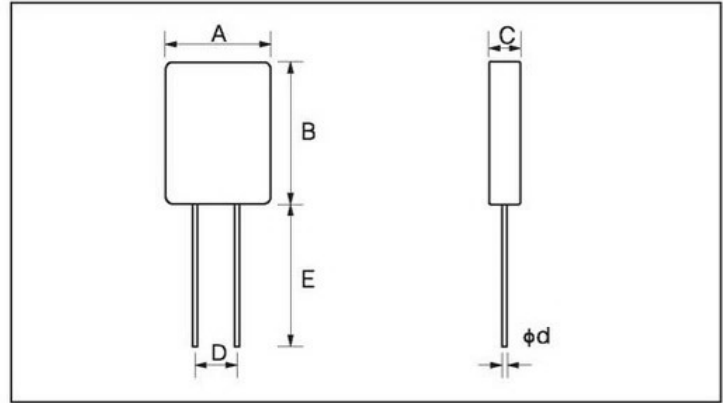


构造图 Construction



特点 Characteristics

- 低温漂
- 径向引线
- 高稳定: $\pm 0.5\%$, 70°C , 1000h
- Low TCR
- Radial lead
- High Stability: $\pm 0.5\%$, 70°C , 1000h

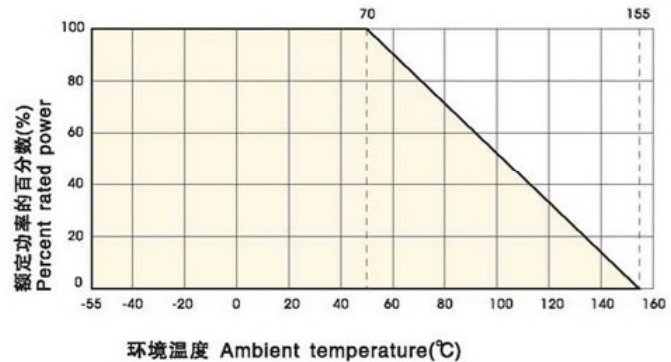
外形尺寸 Dimensions (mm)

规格型号	A ± 0.5	B ± 0.5	C ± 0.5	D	E ± 2	d ± 0.05
UPR1/10	10.5	9.5	4	2.54~7.6	10	0.60
UPR1/8	7.5	9.5	2.5	3.81	10	0.60
UPR1/4	9	12	4	2.54~5.08	10	0.60
UPR1/2	14	12	4	2.54~7.62	10	0.60
	9	12	4	2.54~5.08	10	0.60
UPR3/4	9.5	16.5	5	5.08	10	0.80

应用范围 Applications

- 仪器仪表
- 电子衡器
- Meters and instruments
- Electronic weighing apparatus

降功耗曲线 Derating Curve



执行标准 Reference Standards

GB/T 5729-2003

技术说明 Technical Specifications

型号TYPE	UPR1/10	UPR1/8	UPR1/4	UPR1/2	UPR3/4
70°C时额定功率Power Rating at Tu70°C(W)	0.1	0.125	0.25	0.5	0.75
极限电压Limiting Element voltage (V)	200	200	250	300	350
阻值范围Resistance Range(Ω)	10R ~ 2M Ω				
绝对精度Absolute Tolerance	L($\pm 0.01\%$), P($\pm 0.02\%$), W($\pm 0.05\%$), B($\pm 0.1\%$)				
温度系数范围TC-Range($10^{-6}/\text{K}$)	C10(± 2), C7(± 5), C6(± 10), C5(± 15), C4(± 20)				

性能指标 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Method
过载 Short time overload	$\leq \pm(0.1\%R+0.01\Omega)$	2.5V _R , 5s
温度冲击 Thermal shock	$\leq \pm(0.1\%R+0.01\Omega)$	-55°C/155°C, 5cycles
介质耐压 Dielectric strength	$\leq \pm(0.1\%R+0.01\Omega)$	V _{AC} , 1min±5s
耐焊接热 Leaching	$\leq \pm(0.1\%R+0.01\Omega)$	260°C, 10s
寿命 Load life	$\leq \pm(0.5\%R+0.05\Omega)$	70°C, P _R , 1000h
冲击 Shock	$\leq \pm(0.1\%R+0.01\Omega)$	1000m/s ² , 6ms
振动 Vibration	$\leq \pm(0.1\%R+0.01\Omega)$	0~500Hz, 0.75mm, 98m/s ²

订货示例 How To Order

例如 Example

UPR	1/10	0.1W	10R	±0.01%	±2(10 ⁻⁶ /K)	塑料袋 Plastic bags
产品型号 Type	类型 Style	功率 Power	标称阻值 Nominal Value	精度 Tolerance	温度系数 TCR	包装方式 Packaging
UPR	1/10 1/8 1/4	0.1W 0.125W 0.25W	10R	±0.01% ±0.02% ±0.05% ±0.1%	±2(10 ⁻⁶ /K) ±5(10 ⁻⁶ /K) ±10(10 ⁻⁶ /K) ±15(10 ⁻⁶ /K) ±20(10 ⁻⁶ /K) ±25(10 ⁻⁶ /K)	塑料袋20只 plastic bags 20 pieces

包装说明：包装塑料自封袋包装（起订量20只）。

Packaging: Plastic recloseable bags (moq: 20pcs)。