

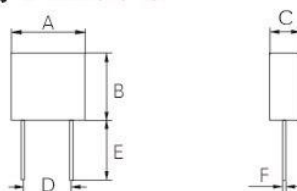
## 超精密金属膜电阻器 UPR系列

Ultra-Precision Metal Film Resistors  
Series UPR

### ◆产品特点 FEATURES&APPLICATIONS

高稳定	High Stability
高精度	High Precision
低温漂	Low TCR
径向引线	Radial Lead

### ◆外形尺寸 DIMENSIONS



### ◆技术说明 TECHNICAL SPECIFICATIONS

型号TYPE	UPR1/10	UPR1/8	UPR1/4
70℃时的额定功率Power Rating at 70℃ (W)	0.1	0.125	0.5
最大工作电压Max Working Voltage (V)	200	250	300
阻值范围Resistance Range (Ω)	10R~2M0	10R~2M0	10R~2M0
精度Resistance Tolerance (%)	±0.01, ±0.02, ±0.05, ±0.1		
温度系数TCR (PPM/℃)	±5, ±10, ±15, ±20, ±25		
环境温度范围Working Temperature (℃)	-55~125		
外形尺寸 Dimensions (mm)	A	10.5 (7.5) ±0.5	9±0.5
	B	9.5±0.5	12±0.5
	C	4 (2.5) ±0.3	4±0.5
	D	2.54~7.6	2.54~5.08
	E	10±2	10±2
	F	0.6±0.05	0.6±0.05

### ◆特性 CHARACTERISTICS

试验项目 Test Item	标准要求	试验变化
过载Short Time Overload	≤ ± (0.1%+0.05Ω)	±0.002%
温度冲击Temperature shock	≤ ± (0.1%+0.05Ω)	±0.02%
介质耐压Dielectric Strength	≤ ± (0.1%+0.05Ω)	±0.05%
耐焊接热Resistance to Solder	≤ ± (0.1%+0.05Ω)	±0.005%
寿命Load life	≤ ± (0.2%+0.05Ω)	±0.10%
冲击shock	≤ ± (0.1%+0.05Ω)	±0.05%
高频振动Vibration	≤ ± (0.1%+0.05Ω)	±0.03%

◆订货示例 (Examples for purchase): UPR-10K-P-C7