

高精度电阻网络 UPRN系列

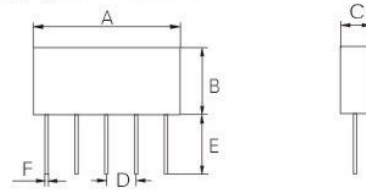
High Precision Resistors Network
Series UPRN



◆产品特点 FEATURES&APPLICATIONS

高稳定	High Stability
高精度	High Precision
低温漂	Low TCR
跟踪性好	Good Tracking

◆外形尺寸 DIMENSIONS



◆技术说明 TECHNICAL SPECIFICATIONS

70°C时的额定功率 Power Rating at 70°C (W)	0.125	
最大工作电压 Max Working Voltage (V)	200	
阻值范围 Resistance Range (Ω)	10R~2M0	
绝对精度 Absolute Tolerance (%)	±0.01, ±0.02, ±0.05, ±0.1, ±0.25, ±0.5, ±1	
相对精度 Relative Tolerance	±0.01, ±0.02, ±0.05, ±0.1	
温度系数 TCR (PPM/°C)	±5, ±10, ±15, ±20, ±25, ±50	
相对温度系数 Relative TCR (PPM/°C)	±2, ±5, ±10, ±15, ±20, ±25	
环境温度范围 Working Temperature (°C)	-55~125	
外形尺寸 Dimensions (mm)	A	10.5~40
	B	12±0.5
	C	4±0.5
	D	≥2.54
	E	10±2
	F	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

◆ 网络电阻内部电路示例 (Demonstration for internal circuit) :

