

精度高、稳定性好、阻值高  
High accuracy, small size, established stability, high resistance  
适用于航天、航空、仪器、仪表等领域  
Widely used in aviation, aerospace, instrument and meters, etc.

**RJ71A 型高阻精密金属膜电阻器**  
**RJ71A High ohmic, precision, metal film resistor**

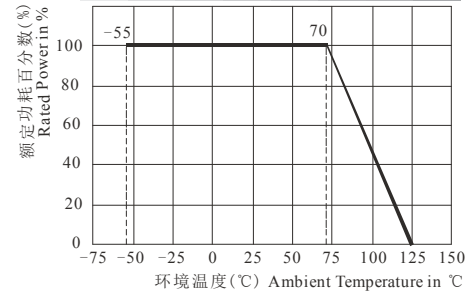
**适用标准 Applicable specifications**

RU0.467.015JT RJ71A 型高阻精密金属膜电阻器详细规范

**外形尺寸 Dimensions in millimeters**

型号 Type	额定功率 Rated Power (W)	外形尺寸 Dimension(mm)			
		Dmax	Lmax	d	l
RJ71A	0.25	2.8	8.2	0.6±0.05	25±2
	0.5	4.2	10.5	0.8±0.05	
	1	6.6	13.0		30±2
	2	8.6	18.5		

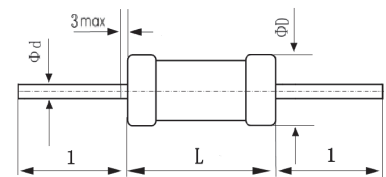
**降功耗曲线 Derating**



**主要技术指标 Technical and standard electrical specifications**

型号 Type	额定功率 P <sub>R</sub> (W)	阻值范围 Resistance range (Ω)	阻值系列 Resistance series	允许偏差 Tolerance (%)	电阻温度 系数 TCR (×10 <sup>-6</sup> /°C)	元件极限电压 Limiting Element Voltage (V)	脉冲电压 Pulse load voltage (V)
RJ71A	0.25	1M~10M	E96	±(0.5、1、2)	I级: ≤±200 II级: ≤±100	250	500
	0.5					350	750
	1	1M~20M				500	1000
	2	5.1M~30M				750	1200

**外形尺寸图 Dimension**



**主要检验项目、检验方法及性能要求 Performance**

检验项目 Test	检验方法 Conditions of Test	性能要求 Test Limits	
电压系数 Voltage coefficient	10V/100V	ΔR ≤ ±1% R	
电流噪音 Current noise	0.5W: R ≤ 5.1M ; 1W、2W: R ≤ 10M 按 SJ1326-78 中 5.10 条 as specified in SJ1326-78, item 5.10	A 组 Group A: ≤ 0 dB B 组 Group B: ≤ +11 dB	
引出端强度 Terminal strength	拉力 Tensile	0.25W: 8N, 0.5W: 10N 1W: 15N 2W: 20N	ΔR ≤ ±0.5%, 无可见伤 No visible damage
	弯曲 Bending force	90°, 3 times	无可见损伤 No visible damage
	扭转 Torque	180°, 2 times	引线 and 帽盖无松动 no loose between terminal and caps
机械负荷 Mechanical overload	振动 Vibration: (10~500)Hz, 150 m/s <sup>2</sup> , 1h	±0.5%: ΔR ≤ ±0.5% R ±1%、±2%: ΔR ≤ ±1% R	
	碰撞 Bump: 400 m/s <sup>2</sup> , 6ms, 4000 times		
	冲击 Shock: 500 m/s <sup>2</sup> , 6ms, 18 times		
	离心 Centrifugal: 250m/s <sup>2</sup> , 10min		
可焊性 Solderability	235±5°C, 2±0.5s	浸锡面 covered ≥ 95%	
温度快速变化 Rapid Change of temperature	-55°C ~ +125°C, 3 cycles	阻值相对变化与允许偏差之比 ≤ 1 Change in resistance/Tolerance ≤ 1	
恒定湿热 Damp heat, steady state	(40±2)°C, RH(90~98)%, 96h		
焊接 Soldering	按 SJ1326-78 中 7.2 条 as specified in SJ1326-78, item 7.2		
耐久性 Endurance	(70±3)°C, U <sub>max</sub> , 1000h		
负荷试验 Over-load	(70±2)°C, U <sub>max</sub> , 96h		
脉冲负荷 Pulse load	(100~20000)Hz, (0.1~500)us, 30min		

**订货指南 Ordering information**

**RJ71A-0.5W-10MΩ-D**

型号 Type - 额定功率 Rated Power - 标称阻值 Nominal Resistance - 允许偏差 Tolerance

对于本页内容的任何变更，恕不另行通知。订货前，请确认技术参数。Specifications are subject to change without notice.