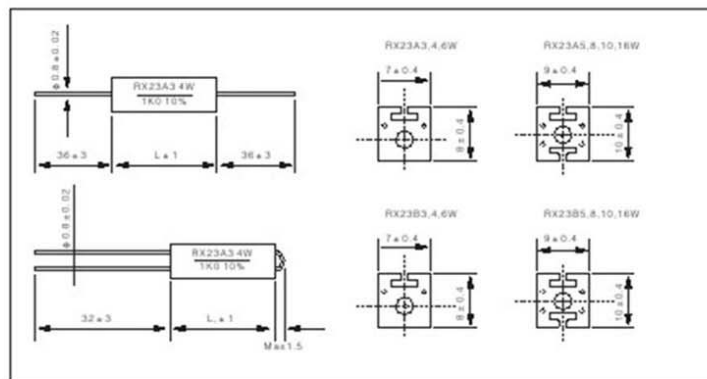


RX23(KV206/218)

ceramic encased wire-wound resistors



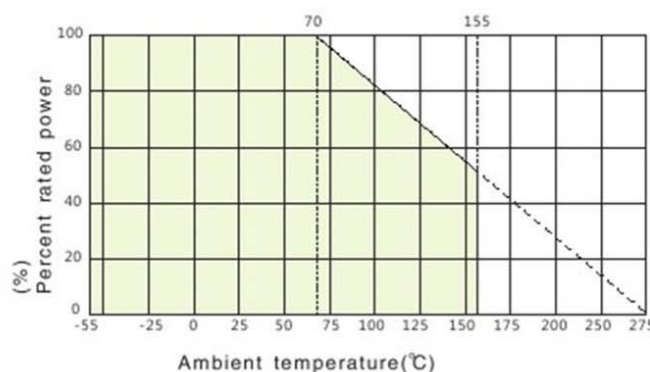
Construction(mm)



Features

- Moisture-proof, good heat-resistant
- Perfect insulation
- Wide working temperature range

Derating Curve



Applications

- Applied in electrical instruments and equipments
- Colour TV, audio, charger etc

Reference Standards

Q/ATK02-91

Technical Specifications

Type	Rated Power (W)	Dimensions(mm)	Resistance Range		误差	(ppm/°C) Temperature coefficient
			Min	Max		
RX23-A,B-3	3.0	20	R10	1K5	± 5% ± 10%	500 × 10 ⁻⁶ /°C
RX23-A,B-4	4.0	25	R10	2K2		
RX23-A,B-6	6.0	38	R22	3K9		
RX23-A,B-7	7.0	25	R10	2K2		
RX23-A,B-9	9.0	38	R33	3K9		
RX23-A,B-11	11.0	50	1R0	5K6		
RX23-A,B-17	17.0	75	1R0	10K		

RX23(KV206/218)

ceramic encased wire-wound resistors



Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Methods
可焊性	焊料润湿引出端并能自由流动, 引出端上锡面积大于95%	235°C ± 5°C, 2s ± 0.5s
短期过负荷	$\Delta R \leq \pm (1\%R \pm 0.05 \Omega)$	$\sqrt{10RP}$ 5s
引出端强度	外观无可见损伤 $\Delta R \leq \pm (1\%R \pm 0.05 \Omega)$	拉力: 10N, 弯曲: 2次, 扭转: 180度2次
耐焊接热	外观无可见损伤 $\Delta R \leq \pm (1\%R \pm 0.05 \Omega)$	260°C ± 5°C 10s ± 0.5s
温度系数	± 500ppm/°C	GB/T 5729-2003 第4.8条
降功耗	当环境温度由70°C升至275°C时, 电阻器允许负荷由额定功率的100%降至0%	
长期寿命	$\Delta R \leq \pm (5\%R \pm 0.1 \Omega)$ 绝缘电阻 ≥ 1GΩ	1000h, 1.5h通电, 0.5h断电
表面温升	≤ 210°C	施加额定电压, 达到热稳定

How To Order

Example

RX23	A	3W	1Ω	±5%	400ppm
Type	Style	Power	Nominal Value	Tolerance	TCR
RX23	B	3W 4W 5W 6W 8W 10W 16W	1Ω	5% 10%	400ppm

Measurement of Precised Resistors

1. Testing environment: 25 ± 2°C, relative: 60%RH.
2. Precision of test apparatus should be at 2 classes higher than resistors tested, for example: If precision of resistor tested at: 0.1%, the precision for testing apparatus will be required at 0.02%.
3. Keep an eye on the stands of testing fixture when high resistance be tested, good insulation, screening and grounding should be equipped with.
4. For low resistance testing, 4 terminals-measurement is indispensable.
5. When Resistors being formed or fixed, the root of leads should not be stressed. Welding temperature below: 260°C, less than 3 seconds.