

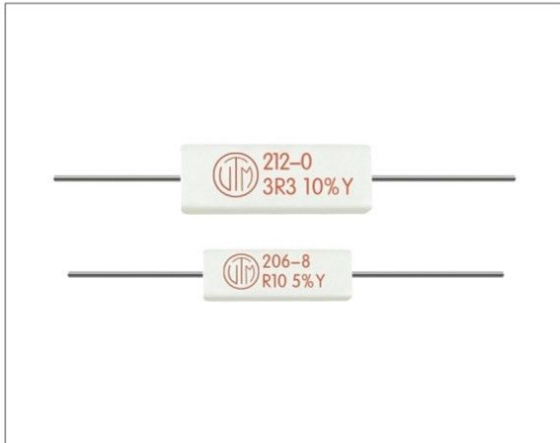
RX23(KV206/218)

瓷外壳线绕电阻器

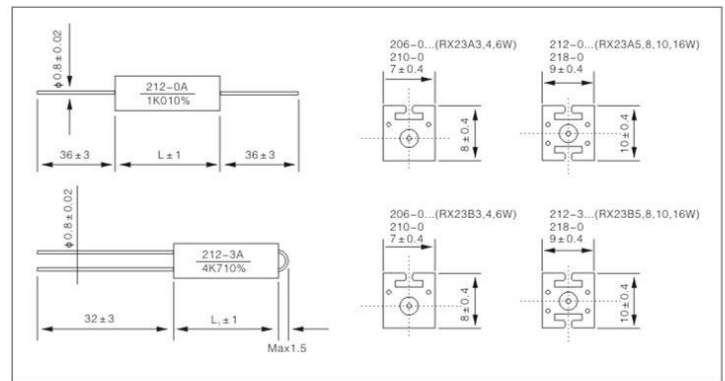
ceramic encased wire-wound resistors



昌盛股份
股票代码: 430503



■ 构造图 Construction(mm)



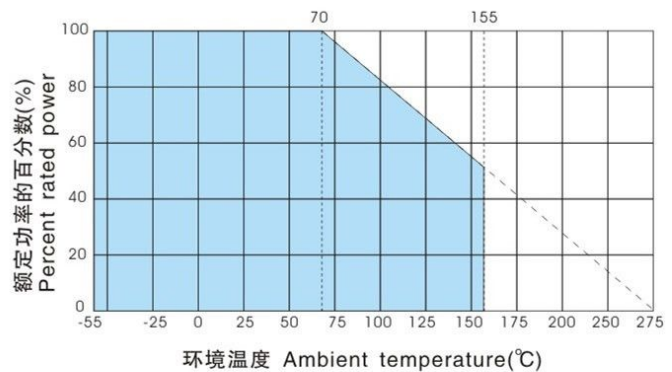
■ 产品特点 Features

- 耐潮湿, 耐热性好
- 绝缘性能好,
- 工作温度范围宽
- Moisture-proof ,good heat-resistant
- Perfect insulation
- Wide working temperature range

■ 应用范围 Applications

- 适用于电子仪器, 设备
- 彩电, 音响, 充电器等领域
- Applied in electrical instruments and equipments
- Colour TV, audio, charger etc

■ 降功耗曲线 Derating Curve



■ 执行标准 Reference Standards

Q/ATK02-91

■ 技术说明 Technical Specifications

型号 Type	外形尺寸 Dimensions(mm) L ₁	额定功率 Rated Power (W)	阻值范围 Resistance Range		误差	温度系数(ppm/°C) Temperature coefficient
			最小值 Min	最大值 Max		
206-0/3(RX23-A,B)	20	4.0(3.0)	R10	1K5	± 5% ± 10%	400 × 10 ⁻⁶ /°C
208-0/3(RX23-A,B)	25	5.0(4.0)	R10	2K2		
210-0/3(RX23-A,B)	38	7.0(6.0)	R22	3K9		
212-0/3(RX23-A,B)	25	7.0(5.0)	R10	2K2		
214-0/3(RX23-A,B)	38	9.0(8.0)	R33	3K9		
216-0/3(RX23-A,B)	50	11.0(10.0)	1R0	5K6		
218-0/3(RX23-A,B)	75	17.0(16.0)	1R0	10K		

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性能指标 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Methods
长期试验 Load life	$\Delta R \leq (\pm 5\%R \pm 0.1\Omega)$	70°C, P_R , 1000h
稳态湿热 Dampheat, steady state	$\Delta R \leq (\pm 5\%R \pm 0.1\Omega)$	40°C, RH93% \pm 3%, 21d
引出端强度 Terminal tensile strength	$\Delta R \leq (\pm 5\%R \pm 0.1\Omega)$	50N
耐焊接热 Leaching	$\Delta R \leq (\pm 5\%R \pm 0.1\Omega)$	260°C, 10s

订货示例 How To Order

例如 Example

RX23	A	3W	1Ω	±5%	400ppm
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
RX23	B	3W 4W 5W 6W 8W 10W 16W	1Ω	5% 10%	400ppm

精密电阻器的测量及使用 Measurement of Precised Resistors

1. 测试环境: 温度 $25 \pm 2^\circ\text{C}$, 相对湿度: 60%RH
2. 测试仪器的精度应高于电阻器精度2个等级, 比如: 电阻精度为0.1%, 则测试仪器的精度应等于或高于0.02%。
3. 对于高阻的电阻器测量必须注意环境温度, 测试夹具中的支撑架要有良好的绝缘体及屏蔽, 测试仪器还应有良好的接地。
4. 对于低阻值电阻器的测量必须采用四端测量法。
5. 在进行电阻器成形或安装时, 电阻器的引线根部应严禁受力, 焊接温度不要超过 260°C , 焊接时间不得超过3s。

1. Testing environment: $25 \pm 2^\circ\text{C}$, relative: 60%RH.
2. Precision of test apparatus should be at 2 classes higher than resistors tested, fox 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 gounding should be equipped with.
4. For low resistance testing, 4 terminals-measurement is indispensible.
5. When Resistors being formed or fixed, the root of leads should not be stressed. Welding temperature below: 260°C , less than 3 seconds.