

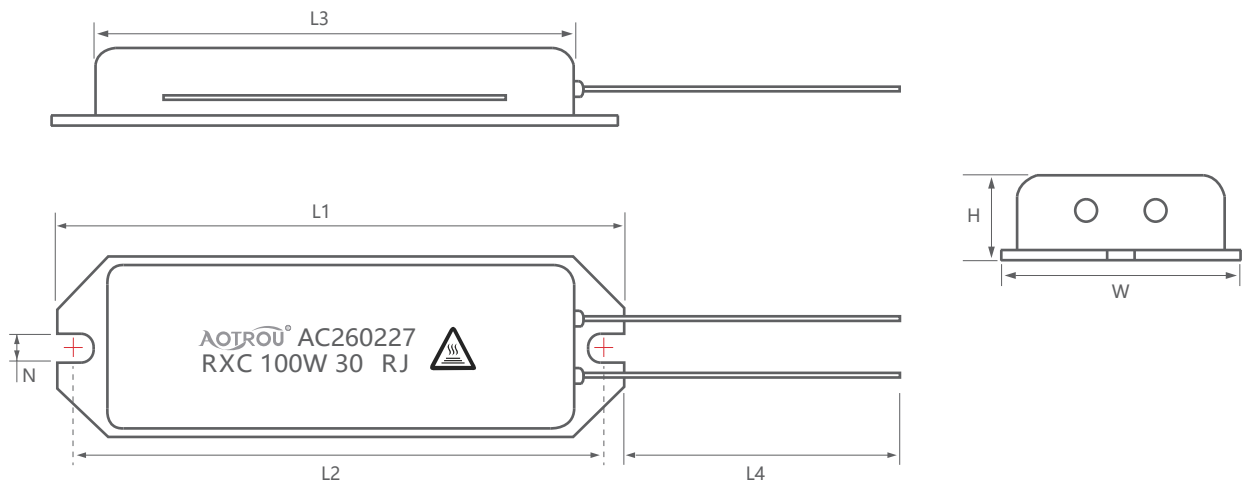
产品简述 (Product Profile)

电阻芯部件采用绝缘耐高温材料作为电阻骨架，选用高级优质合金丝均匀绕制，外加金属铝外壳，以高绝缘不燃性电子浆料进行灌封，使铝外壳与电阻核心部件紧密结合成一个坚实稳固的实体，不受外界空气、振动和灰尘影响，具有很高的稳固性和热传导性。

The resistors core components are made of insulating and high-temperature resistant materials as the resistors framework, evenly wound with high-quality alloy wires. Metal aluminum shell potted with high insulation non-combustible electronic paste, so that the aluminum shell and the resistance core components are closely combined into a solid entity, not affected by external air, vibration and dust, with high stability and thermal conductivity.



产品尺寸图 (Product Size)

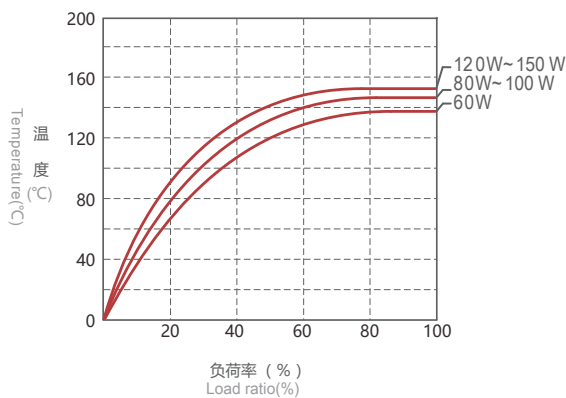


型号 Model	功率 Power 25 °C (W)	尺寸 Size (MM)							阻值公差 Optional accuracy range
		L1±1	L2±1	L3±1	L4±10	W±0.5	H±0.5	N±0.2	
RXC	60	100	90	75	300	30	13	5	F (± 1%) G (± 2%) J (± 5%) K (± 10%)
RXC	80	130	118	108	300	42	19	5	
RXC	100	130	118	108	300	42	19	5	
RXC	120	182	172	157	300	42	19	5	
RXC	150	182	172	157	300	42	19	5	

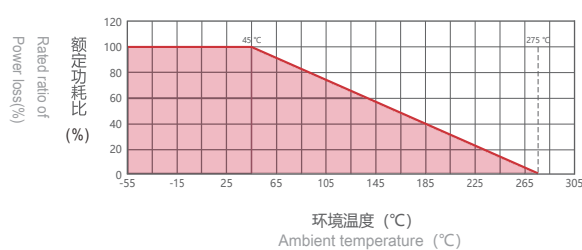
1. 各种尺寸，规格，电阻值可接受定制。（Vs, specifications, rarious sizeesistance values can be customized.）
2. 额定功率将受到工作电压的影响。（The rated power will be affected by the working voltage.）
3. 引出端材质，线径及长度。（Flying leads /Metal Terminals.）
4. 引出端连接器。（Flying leads connector.）

RXC 铝壳绕线电阻器
RXC Aluminum Housing Wire Wound Resistor

表面升温 (Surface Temperature Rise)



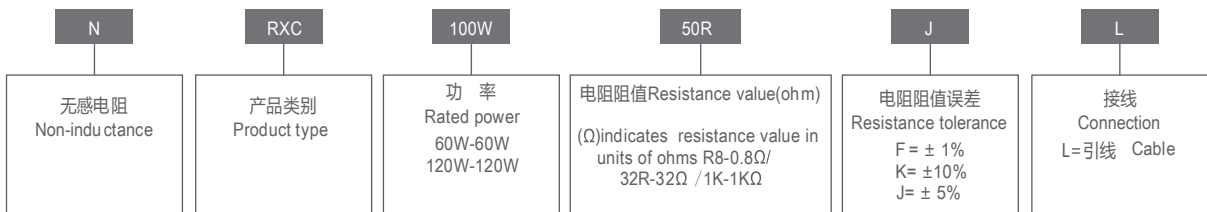
降额曲线 (Deraing Curve)



电气、机械特性 (Mechanical And Electrical Properties)

特性 Property	检查方法 Inspection method	性能要求 Performance requirements	试验标准 Test method
稳态湿热 Constant humidity-heat	40℃±2℃ 相对湿度(度90-95)% 96h Temperature 40℃± 2 °RH(90-95)% 96h	R ≤±(1%±0.05Ω)	GB5729.4.24
温度快速变化 Temperature change	-55℃~+155℃ 5次循环 -55℃ to +155 °C5 Circes	R ≤±(1%±0.05Ω)	GB5729.4.19
短时过负荷 Transient overload	5倍Pr 5S 5 Time Pr 5s	无可见损伤 No visible destruction R≤±(1%±0.05Ω)	GB5729.4.13
绝缘电阻 Insulation resistance	DC 1000V	R≥100MΩ	GB5729.4.6
耐电压 Voltage resistibility	AC1500V 50Hz 5s	无击穿或飞弧 Free of breakage or flying arc	GB5729.4.7
负荷寿命 Life	25℃ Ur 1000h	R ≤±(1%±0.05Ω)	GB5729.4.25
端子强度 Terminal strength	引线直径小于 1.5 20N, 引线线直径大于 1.5 40N, 端子为 20N The lead line diameter less than 1.5 20N, the diameter more than 1.5 40N, terminal is 20N.	无可见损伤 Free of visible destruction	GB5729.4.16
耐振性 Vibration resistibility	f:5-200HZ a=1g X.Y.Z各2h	无可见损伤 R ≤±(1%R+0.05Ω) Free of visible destruction	GB5729.4.22

成品识别码 (Product Identification Code)



RXC 100W 50RJ (此款产品为常规品100W/50Ω 铝壳电阻器 100W/50Ω Aluminum Enclosure Resistor)