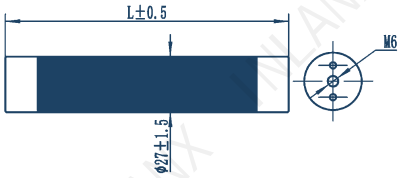
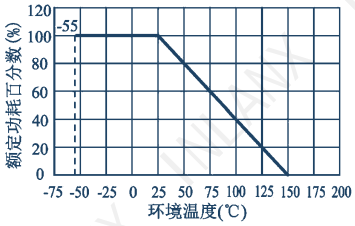
RX205 Power Wirewound Resistor

Outline Drawing



Derating Curve





Quality grades J, QB; detail specification Q/RU 508-2015; general specification GB/T 5729-2003.

Dimensions • mm

Drawing also marks φ27±1.5 and M6.

Model and power	L ±0.5
RX205-100W	120
RX205-200W	210

Electrical Specifications

Model and power	Resistance Ω	Temp. °C	Tolerance
RX205-100W	1–510	-55 to 150	±5% (J), ±10% (K)
RX205-200W	2–2k	-55 to 150	±5% (J), ±10% (K)

Main Inspection Items

Item	Test method	Requirement
Lead strength	1.25N·m, 15s	Caps secure; ΔR≤±(2%R+0.05Ω)
Rapid temperature change	-55 to 150°C, 2 cycles	No mechanical damage; ΔR≤±(5%R+0.05Ω)
Vibration	10–500Hz, 0.35mm or 50m/s², 23min	No mechanical damage; ΔR≤±(5%R+0.05Ω)
Damp heat	40±2°C, RH 93±3%, 96h	No mechanical damage; ΔR≤±(5%R+0.05Ω)
Endurance	25±10°C, UR, 1000h	Coating intact, marking legible; ΔR≤±(10%R+0.05Ω)

Ordering Information

RX205-200W-4Ω-J

Model / rated power 100–200W / nominal resistance / tolerance J±5%, K±10%.