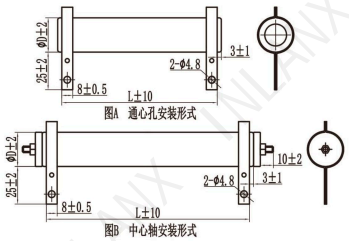
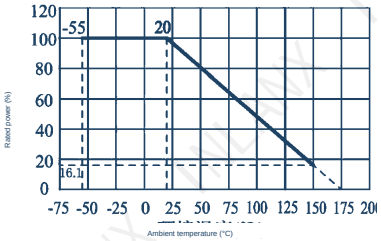
RX203 Wirewound Resistor

Outline Drawing



Derating Curve





Grade QB; detail specification Q/RU 182-2015; general specification GB/T 5729-2003.
Figure A shows through-hole mounting; Figure B shows center-axis mounting.

Dimensions • mm

Original structures and dimension marks of both mounting drawings are retained.

Power W	L	ΦD	Drawing
60	120	27	A
100	160	27	A
150	180	30	B
200	270	30	B

Electrical Specifications

Power W	Resistance Ω	Tolerance %	Temp. °C
60	10–500	±5(J), ±10(K)	-55 to 150
100	10–500	±5(J), ±10(K)	-55 to 150
150	10–500	±5(J), ±10(K)	-55 to 150
200	10–500	±5(J), ±10(K)	-55 to 150

Main Inspection Items

Item	Method	Requirement
Body strength	10N, 10s	No cracks or fracture
Terminal strength	20N, 10s	No damage; ΔR≤±(2%R+0.05Ω)
Rapid temperature change	-55 to 150°C, 2 cycles	No damage; ΔR≤±(2%R+0.05Ω)
Vibration	10–500Hz, 0.35mm or 50m/s², 23min	No damage; ΔR≤±(2%R+0.05Ω)
Steady damp heat	40±2°C, RH90–95%, 96h	No damage; ΔR≤±(5%R+0.05Ω)
Endurance	25±10°C, UR, 1000h	No paint loss, markings legible; ΔR≤±(10%R+0.05Ω)
Insulation resistance	100VDC	Ri≥1GΩ
Dielectric withstand	500VAC	No breakdown or flashover

Ordering Information

RX203-60W-50Ω-J

Model / rated power 60–200W / nominal resistance 10–500Ω / tolerance J±5%, K±10%.