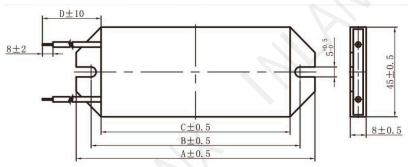
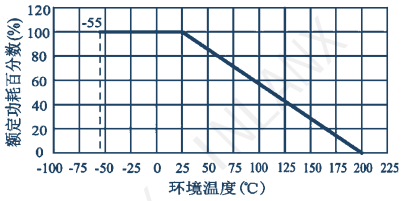
RXG19 Ultra-thin Power Wirewound Resistor

Outline Drawing



Derating Curve





Quality grade J; detail specification Q/RU 471-2019; general specification GB/T 5729-2003.

Dimensions • mm

Model / Power	A	B	C	D
RXG19-50W/60W	100	85	75	100
RXG19-80W/100W	120	105	95	100
RXG19-120W	150	135	125	100
RXG19-150W	215	200	190	100

Electrical Specifications

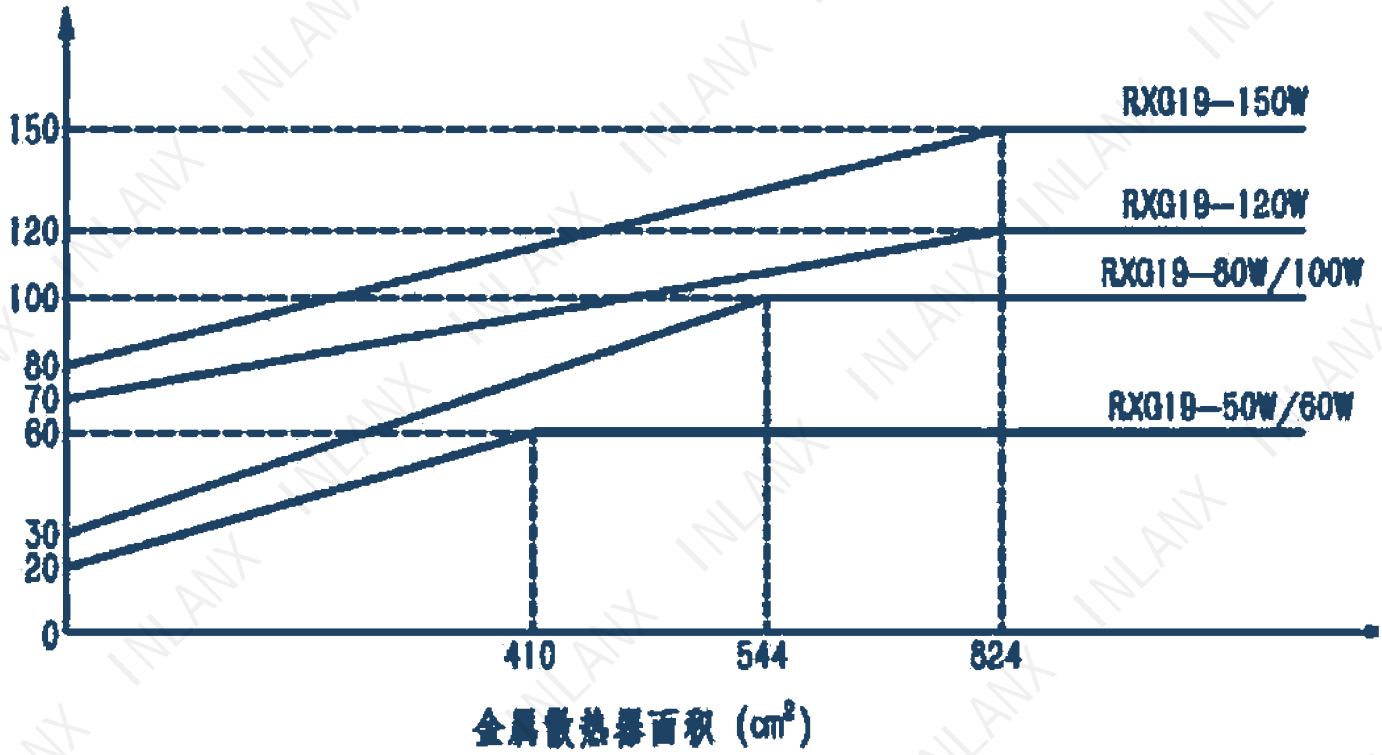
Model / Power	Resistance Ω	Temp. °C	Tolerance
RXG19-50W/60W	1~10k	-55~200	±5%
RXG19-80W/100W	1~10k	-55~200	±5%
RXG19-120W	1~15k	-55~200	±5%
RXG19-150W	1~15k	-55~200	±5%

Main Inspection Items

Item	Test method	Requirement
Terminal strength	40N, 10s	No damage; ΔR≤±(1%R+0.05Ω)
Rapid temperature change	-55 to 200°C, 3 cycles	No damage; ΔR≤±(1%R+0.05Ω)
Vibration	10–55Hz, 0.75mm or 100m/s², 2h	No damage; ΔR≤±(1%R+0.05Ω)
Insulation resistance	500VDC	Ri≥1000MΩ
Dielectric withstand	2000VAC, 1min	No breakdown or arcing
Steady damp heat	40±2°C, RH93±3%, 21d	No damage; ΔR≤±(5%R+0.1Ω)
Endurance	25±10°C, UR, 1000h	No damage; ΔR≤±(5%R+0.1Ω)

RXG19 Ultra-thin Power Wirewound Resistor

Radiator-area Derating Curve



Ordering Information

RXG19-100W-4Ω-J-17-200-N/300-M

Model / rated power / nominal resistance / tolerance J±5% / lead code / two lead lengths and terminals. 17=2mm², 01=1.5mm², 02=1mm²; N=no terminal, M=RV2-6, E=RV2-4, V=RV2-5.