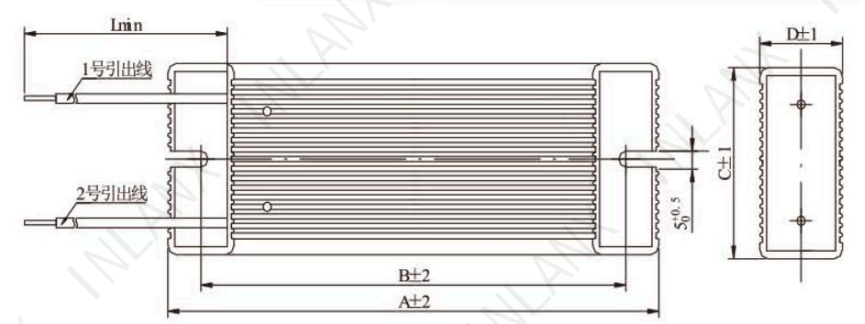
RXG14 Aluminum Housed Wirewound Resistor

Outline Drawing





Quality grade QB, J; detail specification Q/RU 173-2019; general specification GB/T 5729-2003.

Dimensions • mm

Model / Power	A	B	C	D	L	Lead area
RXG14-40W/60W	115	98	40	20	330	1.5mm²
RXG14-80W	137	123	40	20	330	1.5mm²
RXG14-100W	165	147	40	20	330	1.5mm²
RXG14-120W	190	173	40	20	330	1.5mm²
RXG14-150W/160W	215	197	40	20	330	1.5mm²
RXG14-200W	165	147	60	30	600	2mm²
RXG14-300W	215	197	60	30	600	2mm²
RXG14-400W	265	247	60	30	600	2mm²
RXG14-500W	335	317	60	30	600	2mm²

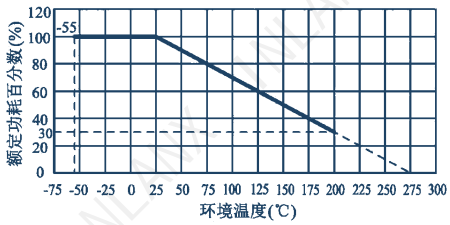
Electrical Specifications

Model / Power	Resistance Ω	Tolerance	Temp. °C / Limit voltage
RXG14-40W/60W	0.3~14	±5%, ±10%	-55~200
RXG14-80W	0.4~21	±5%, ±10%	-55~200
RXG14-100W	0.5~30	±5%, ±10%	-55~200
RXG14-120W	0.8~36	±5%, ±10%	-55~200
RXG14-150W/160W	1~40	±5%, ±10%	-55~200
RXG14-200W	0.7~40	±5%, ±10%	-55~200
RXG14-300W	1~50	±5%, ±10%	-55~200
RXG14-400W	1.5~65	±5%, ±10%	-55~200
RXG14-500W	2~80	±5%, ±10%	-55~200

Main Inspection Items

Item	Test method	Requirement
Terminal strength	20N, 10s	No damage; ΔR≤±(1%R+0.05Ω)
Temperature cycling	-55 to 200°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)
Insulation resistance	500±50VDC	Ri≥1000MΩ
Dielectric withstand	40–160W: 2000±50VAC; 200–500W: 3000±50VAC, 1min	No breakdown or arcing
Damp heat	40±2°C, RH90–95%, 96h	No damage; ΔR≤±(5%R+0.1Ω)
Endurance	25±10°C, UR, 1000h	No damage; ΔR≤±(10%R+0.1Ω)

Derating Curve



Ordering Information

RXG14-200W-4Ω-J-17-200-N/300-M

Model / power / resistance / tolerance / lead code / lead 1 length and terminal / lead 2 length and terminal. J±5%; K±10% (P type J only). 01=1.5mm², 17=2mm², 07=4mm² where applicable; N=no terminal, M=RV2-6, E=RV2-4, V=RV2-5.