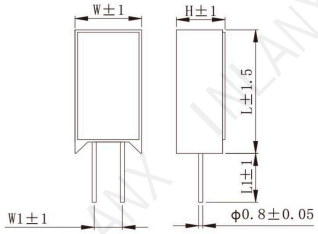
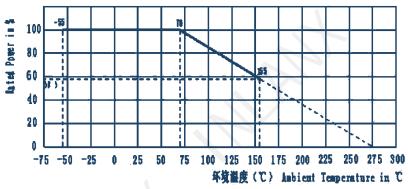
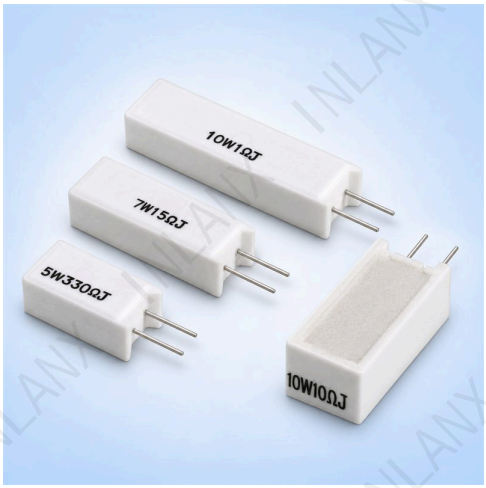
RX911P Wirewound Fixed Resistor

Outline Drawing



Derating Curve





Grade QB; detail specification Q/RU 632-2024; general specification GB/T 5729-2003.

Dimensions • mm

Drawing marks W±1, H±1, L±1.5, L1±1, leads Φ0.8±0.05.

Model	L	H	W	W1
RX911P-5W	25.5	9.5	13	5.5
RX911P-7W	38.5	9.5	13	5.5
RX911P-10W	51	9.5	13	5.5
RX911PN-5W	25.5	9.5	13	5.5
RX911PB-10W	35	13	16	7.5

Electrical Specifications

Model	Resistance Ω	Tolerance %	TCR ×10□□/K	Ambient °C	Rise °C
RX911P-5W	1–300	±5	≤±500	-55 to 155	≤250
RX911P-7W	1–600	±5	≤±500	-55 to 155	≤250
RX911P-10W	1–1k	±5	≤±500	-55 to 155	≤250
RX911PN-5W	1–300	±5	≤±500	-55 to 155	≤250
RX911PB-10W	1–680	±5	≤±500	-55 to 155	≤250

Main Inspection Items

Item	Test method	Requirement
Withstand voltage	700VAC, 60±5s	No breakdown/arcing
Solderability	260±5°C, 2±0.5s	Tin coverage ≥90%
Overload	15–35°C, V=√(10PR), 5±0.5s	No visible damage; ΔR≤±(1%R+0.05Ω)
Temperature rise	15–35°C, UR	ΔT≤250°C; 20W≤300°C
Lead strength	10N, 10±0.5s	No damage, legible marking; ΔR≤±(1%R+0.05Ω)
Soldering heat	350±10°C, 3.5±0.5s	No damage, legible marking; ΔR≤±(1%R+0.05Ω)
Rapid temperature change	-55/155°C, 5 cycles	No damage, legible marking; ΔR≤±(1%R+0.05Ω)
Room-temp endurance	15–35°C, UR, 1.5h on/0.5h off, 1000h	No visible damage; ΔR≤±(10%R+0.1Ω)

Ordering Information

RX911P-5W-75Ω-J-L3.5

Model / rated power / nominal resistance / J±5% / lead length L3.5; standard length may be omitted.