

■ Compact size, low resistance, excellent performance in current load and heat dissipation

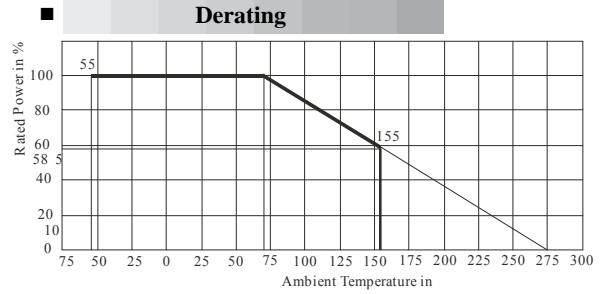
**RX911  
RX911 Wirewound resistor**

**Applicable specifications**

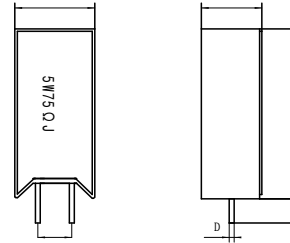
- GB/T5729-2003
- Q/RU166-2004 RX911

**Dimensions in millimeters**

Power (W)	Dimension(mm)				
	L±1.5	W±1	H±1	W1±1	D 0.05
5(5N)	25.5	13	9.5	5.5	0.8
7	38.5				
10	51				
10(Type B)	35	16	13	7.5	



**Dimension**



**Technical and standard electrical specifications**

Type	Nominal Resistance	Resistance Series	Tolerance %	Ambient Temperature °C	Insulation Voltage V	Temperature Rise °C	Stability Grade	TCR $\times 10^{-6}/^{\circ}\text{C}$
RX911B-10W	0.18 680	E24	5, 10	-55/155	700	250	5%	250
RX911-5W RX911N-5W	0.18 1K							
RX911-7W	0.22 1.5K							
RX911-10W	0.33 2.4K							

**Performance**

Test	Conditions of test	Test Limits
Withstand voltage	700V <sub>AC</sub>	≤1mA No breakdown or flashover, leakage current ≤1mA
Solderability	(welding temperature) 235°C±5°C 2s±0.5s	≥ 95% Good tinning (≥ 95 % covered)
Over load	10P <sub>R</sub> , 5s	R ≤ ±(5%R+0.1Ω)
Temperature Rise	U <sub>R</sub>	≤250°C
Terminal strength	10N, 10s±0.5s	R ≤ ±(1%R+0.05Ω)
Resistance to soldering heat	350°C±10°C, 3.5s±0.5s	
Rapid Change of Temperature	-55°C/+125°C, 3 cycles	
Endurance at room temperature	U <sub>R</sub> , 1000h	R ≤ ±(5%R+0.1Ω)

**Ordering information**

**RX911 – 5W – 75 – J**

Type –                      Rated Power –                      Nominal resistance –                      Tolerance