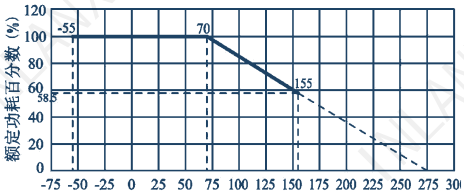
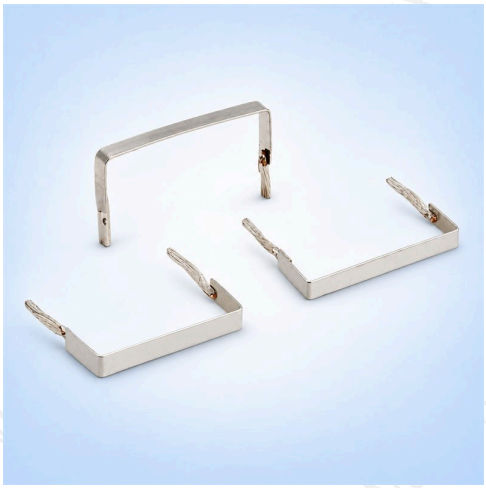
RX918 Ultra Low Ohm Resistor

Derating Curve





Grades J, QB; detail specification Q/RU 187-2005 (also +QZJ 84061); general specification GB/T 5729-2003.

Dimensions • mm

Original shows separate I–V and VI arrangements and tolerance marks; traced without changing structure.

Series • 3W	H	W	Φd
I	14	19	1
II	13	7.5	1
III	18	15.8	1
IV	17	15	1
V	17	15	1
VI	18.4	6	1

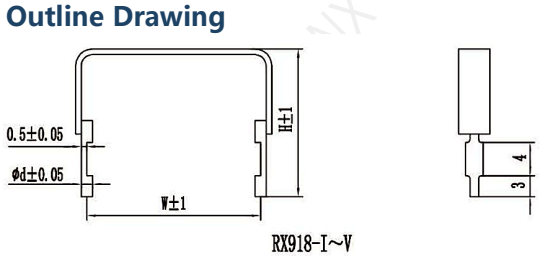
Electrical Specifications

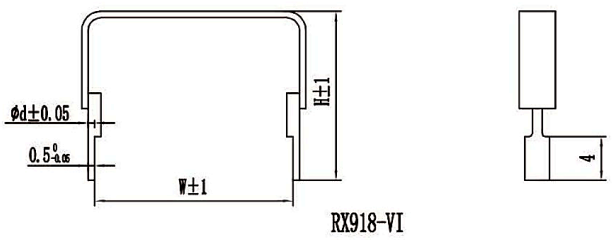
Model	Resistance mΩ	Tolerance %	Temp. °C	TCR ×10□□/K
RX918-I-3W	30	±5	-55 to 155	≤±250
RX918-II-3W	30	±5	-55 to 155	≤±250
RX918-III-3W	10	±5	-55 to 155	≤±250
RX918-IV-3W	18	±5	-55 to 155	≤±250
RX918-V-3W	16.5	±5	-55 to 155	≤±250
RX918-VI-3W	30	±5	-55 to 155	≤±250

Main Inspection Items

Item	Test method	Requirement
Rapid temperature change	-55 to 125°C, 3 cycles	ΔR≤±5%R, no visible damage
Soldering heat	350±10°C, 3.5±0.5s; immersion 4±1mm	ΔR≤±5%R, no visible damage
Shock	490m/s², 11ms, half-sine	ΔR≤±5%R, no visible damage
Overload	10PR, 5s	ΔR≤±5%R, no visible damage
Vibration	10–55Hz, 0.75mm or 98m/s² (whichever less), 6h	ΔR≤±5%R, no visible damage
Solderability	235±5°C, 2±0.5s, 4±1mm from body	Tin coverage ≥95%
Temperature rise	15–35°C, UR	≤250°C

Outline Drawing





Ordering Information

RX918-III-3W-0.018Ω-J

Model / series I–VI / rated power / nominal resistance / J±5%.