RX0920 Flat Enamel-Coated Wirewound Resistor

Product Introduction

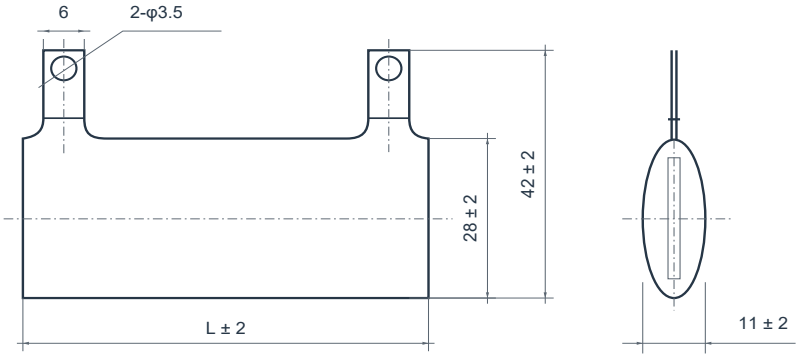
• Product features: Radial leads and mounting brackets facilitate user connection. The enamel-coated surface offers strong contamination resistance, moisture resistance, resistance to corrosive chemical gases, and high-temperature resistance.

• Applications: DC or low-frequency AC circuits in large military ground equipment.

• Products complying with RoHS and REACH requirements can be manufactured.

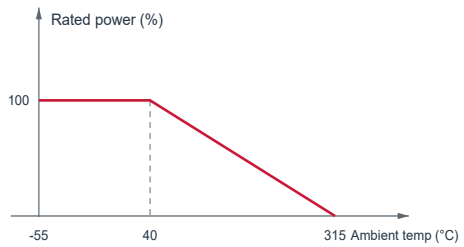


Dimensions



Model	Rated power (W)	Resistance range (Ω)	Dimension (mm) L	Remarks
RX0920-20W	20	5.1 ~ 1K	33	Brackets a, Ⅰ
RX0920-55W	55	5.1 ~ 5.1K	90	Brackets a, Ⅰ, Ⅱ, Ⅲ, Ⅳ, Ⅴ

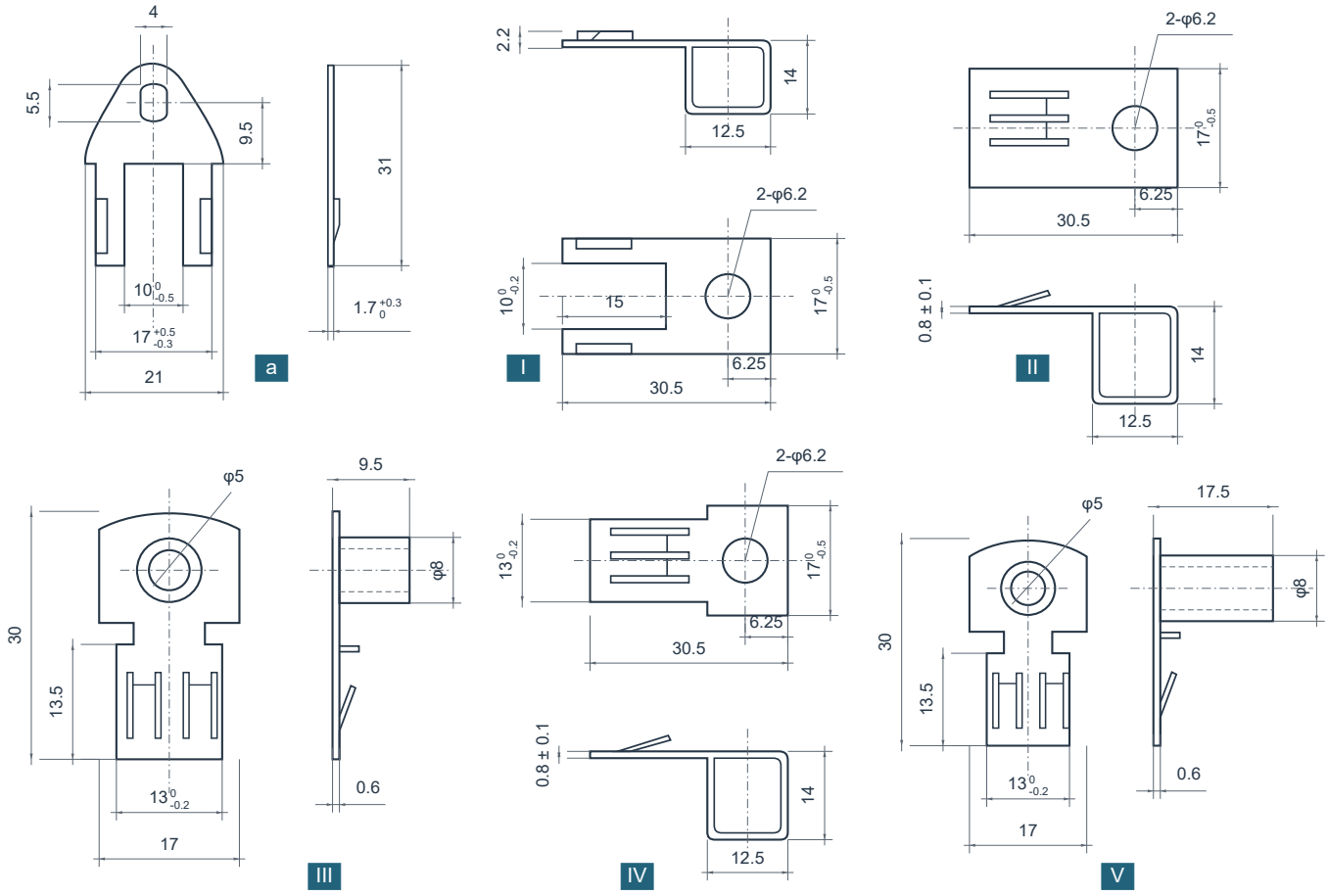
Power Derating Curve



Ordering Example

Model: RX0920
Rated power: 20W
Nominal resistance: 10Ω
Resistance tolerance: ±5%
Bracket: a
Quantity: 1000 pieces

Brackets



Main Test Items

Test item	Test conditions	Performance requirements	Test standard
Overload	10 times rated power for 5s	ΔR≤±(2%R+0.1Ω)	GB/T 5732-1985 Clause 2.3.4
Temperature rise	Ambient temperature: (15 ~ 35)°C, rated power	≤275°C	GB/T 5729-1985 Clause 4.14
Solderability	HISnPb39, 75W soldering-iron method, solder-bath method	Uniform wetting, free flow	GB/T 2423.28-1982
Vibration	Frequency: (10 ~ 500)Hz; acceleration: 98m/s²; duration: 1h	ΔR≤±(1%R+0.05Ω)	GB/T 2423.10-1981
Steady-state damp heat	Temperature: (40±2)°C; relative humidity: (93±3)%; 96h	ΔR≤±(5%R+0.1Ω)	GB/T 2423.03-1981
Room-temperature endurance	Ambient temperature: (15 ~ 35)°C; rated power; 1.5h on, 0.5h off; 1000h	ΔR≤±(5%R+0.1Ω)	GB/T 5729-1985 Clause 4.25