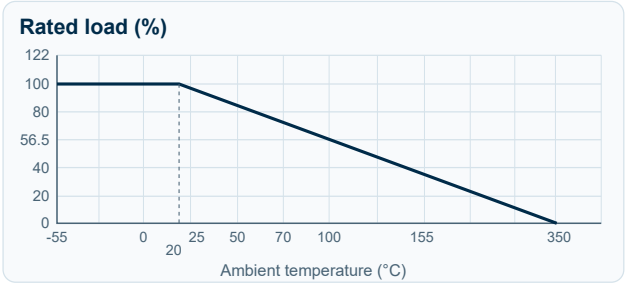
RXYB

Flat Vitreous Enamelled Power Wirewound Resistors

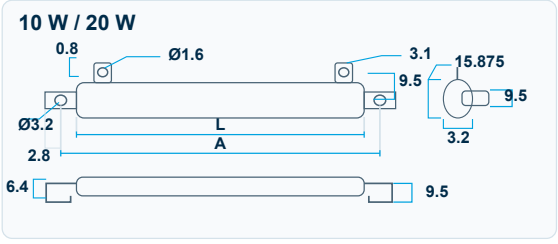


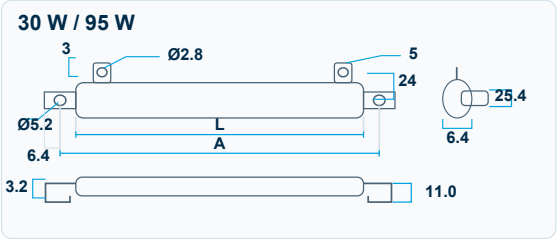
Flame-retardant · Heat-resistant · Mounting tabs



The source uses uneven temperature spacing. Rated power is specified at 70 °C in the table.

Outline drawings (mm)





Drawing group labels follow the source. Confirm terminal dimensions by model.

Technical specifications

Model	Power (W) @ 70 °C	Resistance (Ω)	L (mm)	A (mm)
RXYB-30	30	0.1-15 k	31.5	50.5
RXYB-40	40	0.1-20 k	50.5	70.5
RXYB-55	55	0.1-24 k	89.5	107.5
RXYB-70	75	0.1-39 k	121.5	145.5
RXYB-95	100	0.1-47 k	151.5	170.5

Tolerance ±5% (J) / ±10% (K) · TCR ±250 ppm/°C · Operating range -55 to 350 °C

Performance tests

Test	Test conditions	Requirement
Surface temperature	JIS 5202 §5-4 · Rated power for 30 min. Measure at body centre.	Surface temperature < 350 °C
Dielectric withstand	JIS C 5202 §5-7 · Foil method, 1000 V AC for 1 min.	No significant damage, breakdown or arcing
Short-time overload	JIS C 5202 §5-5 · Apply voltage for 10× rated power for 5 s.	No mechanical damage. |ΔR| ≤ 2%R + 0.05 Ω
Body centre load	10 kg at ≤30 W or 20 kg at ≥40 W.	No significant mechanical damage
Solderability	JIS C 5202 §6-5 · 270 ± 10 °C, 2.0-2.5 mm deep, 5 ± 0.5 s.	Solder wets terminals and flows freely
Vibration	JIS C 5202 §6-3 · 10-55-10 Hz in 1 min, 1.5 mm amplitude. 2 h on each of three perpendicular axes.	No significant mechanical damage
Endurance	JIS C 5202 §7-10 · Rated power at room temperature, 500 h. 1.5 h on / 0.5 h off.	Markings and appearance intact. |ΔR| ≤ 5%R + 0.05 Ω

Hunan INLANX Electronic Technology Co., Ltd.
contact@inlanx.com