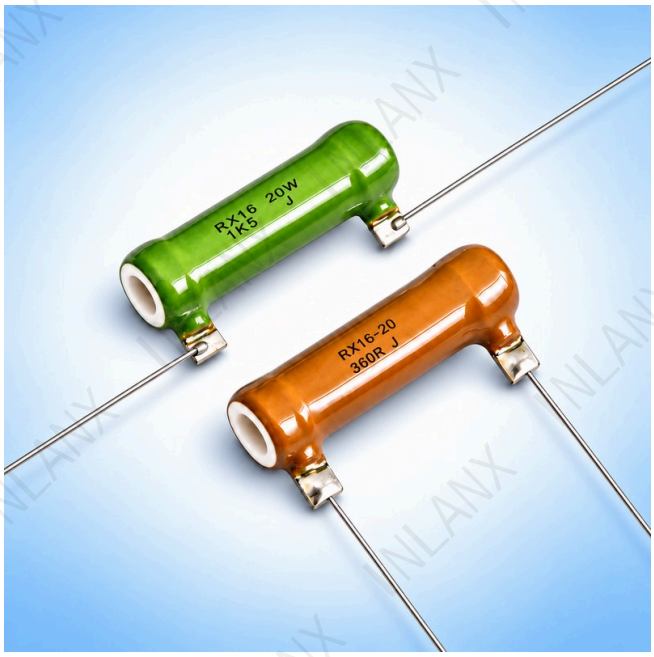
RX16 Long-Lead Glazed Wirewound Resistors

Features

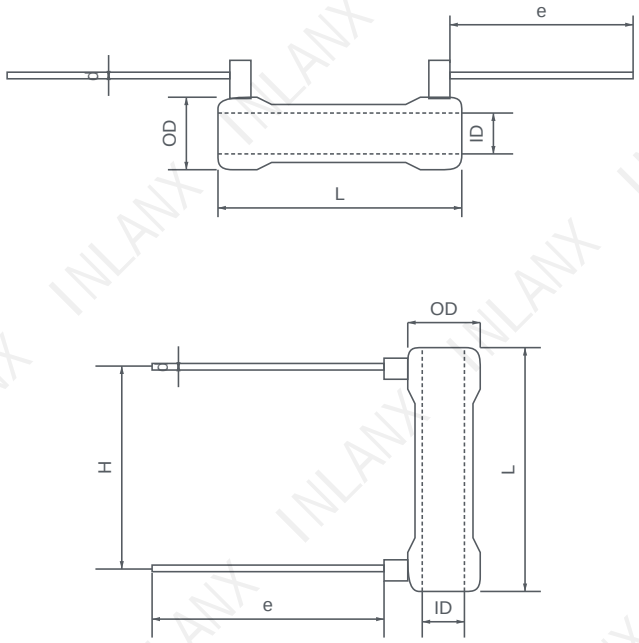
- Small size.
- High resistance.
- Simple construction.
- Easy to mount.



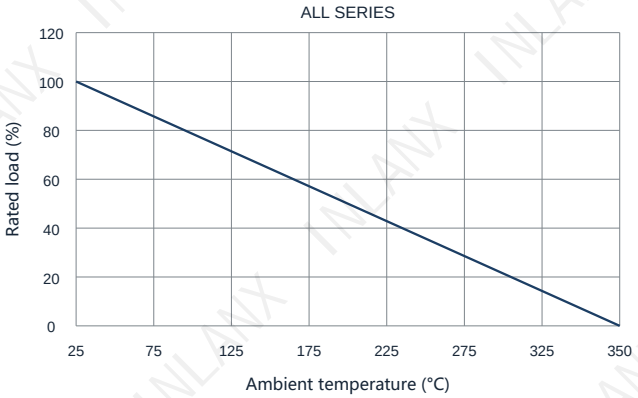
Technical Specifications

Model	Rated power (W)	Resistance range (Ω)	Tolerance	TCR (ppm/°C)	Max. voltage (V)	L (mm)	OD (mm)	ID (mm)	e (mm)	d (mm)	H (mm)
RX16-3	3	1 ~ 1k	±5% (J) ±10% (K)	250	120	11	7.5	3.6	38 ±3	0.8	7
RX16-5	5	5 ~ 1.5k			150	16	8.5	3.6	38 ±3	0.8	11
RX16-6	6	6 ~ 4.3K			250	25	10.5	4.8	38 ±3	1	19
RX16-12	12	12 ~ 4.3K			600	44.5	10.5	4.8	38 ±3	1	36.5
RX16-20	20	20 ~ 8K			750	51	14.3	7.9	38 ±3	1	43

Outline Dimensions • mm



Power Derating Curve



Performance Characteristics

Test item	Requirements	Test method
Solderability	Solder flows freely.	235°C ±5°C; solder bath for 2s.
Terminal strength	ΔR ≤ ±(1%R+0.05Ω)	≤4.3W: 10N; ≥6W: 20N.
Overload	ΔR ≤ ±(1%R+0.05Ω)	10 times rated power for 5s.
Rapid temperature change	ΔR ≤ ±(1%R+0.05Ω)	θA=-55°C; θB=+200°C; 5 cycles.
Bump	ΔR ≤ ±(1%R+0.05Ω)	Acceleration 390m/s^2; 4000 bumps.
Shock	ΔR ≤ ±(1%R+0.05Ω)	Acceleration 490m/s^2; 11ms; 18 shocks.
Vibration	ΔR ≤ ±(2%R+0.1Ω)	10~500Hz; acceleration 98m/s^2; 6h.
Temperature rise	<245°C	Apply rated power.
Steady-state damp heat	ΔR ≤ ±(5%R+0.1Ω)	40 ±2°C; 93(+2/-0)%RH; 56h.
Endurance at room temperature	ΔR ≤ ±(5%R+0.1Ω)	Rated power at room temperature for 1000h.