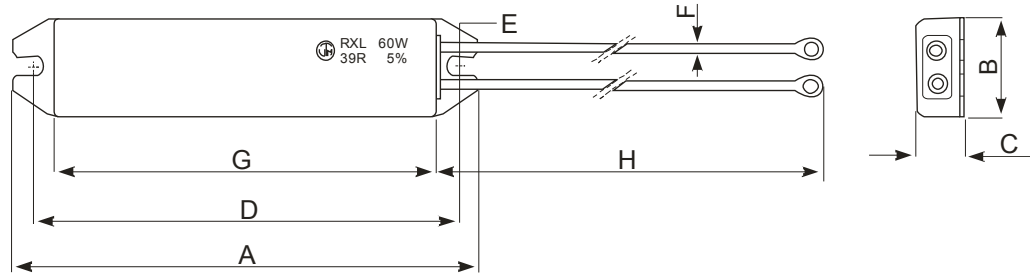


Electrical power type of aluminium clad resistor



Technical Specifications:

Type	P <sub>70</sub> Rate power	Resistance Range	Tol.	Dimensions (mm)							
				A ±1	B ±1	C ±0.5	D ±1	E	F *	G ±1	H *
RXL60	60W	1R ... 10K	±5% ; ±10%	100	30	13	90	4.5	0.75mm <sup>2</sup>	75	200
RXL80	80W			150	34	21	140	5	0.75mm <sup>2</sup>	125	200
RXL120	120W			182	42	21	172	6	0.75mm <sup>2</sup>	150	200

\* Can be customized on request

Feature of product

- 1- good performance in shock resistance and heat output
- 2- small TCR and flexible,multiple combination of assembly, easy to install
- 3- widely applied to load testing, electric power distribution , instruments and equipment's, and servomechanism

Electrical Characters:

Characteristics	Test methods	Specifications
Withstanding voltage	40~60Hz AC, leakage current 0.5mA, 1500V 1 min. ± 5s	No flashover and arcing
TCR	20°C/ 200°C	±200ppm/°C
Short-time overload	10 times voltage at rated power for 5 seconds	No visible damage , clear marking ΔR ≤ ± (2%R+0.1Ω)
Vibration	Change of frequency from 10~55Hz Hz ~10 within one minute amplitude 1.5mm , two hours each at X,Y and Z directions	No obvious mechanical damage ΔR ≤ ± (2%R+0.1Ω)
Thermal shock	Voltage at rated power for 30 minutes, afterwards, putting the resistor into a lower-temperature chamber of -40 +0/-5 4°C within 8~12 seconds, and taking it out after 15 minutes	No visible damage , clear marking ΔR ≤ ± (2%R+0.1Ω)
Load life	Overload at rated power , 500 hours, 1.5 hour ON , 0.5 hour OFF	ΔR ≤ ± (3%R+0.1Ω)
Surface temperature rise	Voltage at rated power , when the heat tends to be steady, the temperature of the middle of body of resistor needed to be measured	Less than 350°C
Flame retardancy	1~6 times voltage at rated power	No flashover and arcing
Dielectric withstanding voltage	JIS-C-5202 5-7 AC1000V 1minute	No evidence of mechanical damage, or insulation breakdown
Power rating load	JIS-5202 5-4 hold the resistor horizontally and load the specified power for 30 minutes	Temperatura 350°C max ΔR ≤ ± (0,5%R+0.1Ω)
Heat resistance	JIS-C-5202 7-2 350°C ±5°C 2hours	
Ordering number	Type RXL60	Tolerance 5
	Pack-Code B	R-Value 39R