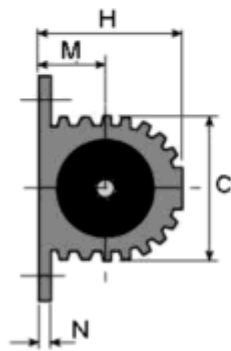
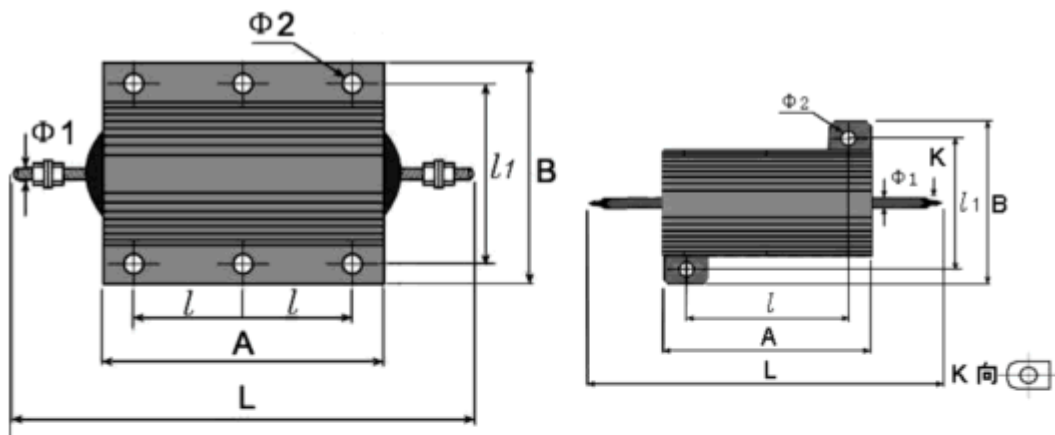


## Datasheet of Aluminum Wirewound Resistor

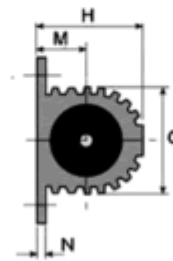
### RX(G)24



### Dimensional Drawing



RXG24



RX24

## Technical Specification

Type	Rated power at 25°C (W)	Dimensions (mm)												Weight (g)	
		Resistor Body										HeatSink			
		A max	B	L max	H max	C	∠	ℓ1	M	N	Φ1	Φ2	Surface area (cm <sup>2</sup> )		Thickness (mm)
RX24	5	15.5	16	36.5	8	8.5	11.4	12	4.4	1.5	1.5	2.2	415	1	3
	10/15	19.5	21	40.5	10	11.2	14	16	5	2	2	2.5	415		6
	20/25	27	27	48.0	13	14.3	18.3	20	7	2	2	3.5	535		11
	30	34.0	29	55.0	15.5	16.3	25	22	7.3	2	2	3.5	535		18
	50	50	29	71	15.5	16.3	40	20.5	7.3	2	2	3.5	995		30
RXG24	75	65.5	48	93.5	26	27	23.5	37	11.5	3.5	M3	4.4	995	3	90
	100	98	48	126	26	27	35	37	11.5	3.5	M3	4.4	995		160
	150	130	48	158	26	27	52	37	11.5	3.5	M3	4.4	995		240
	200	92	73	132	45	46.5	35	58	21	5	M6	5.5	3750		420
	250	112	73	152	45	46.5	45	58	21	5	M6	5.5	4765		480
	300	130	73	170	45	46.5	51	58	21	5	M6	5.5	5780		580
	500	204	73	244	45	46.5	87	58	21	5	M6	5.5	8500		970

### Main Characteristics:

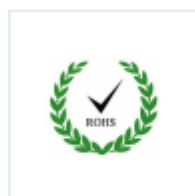
Type	Rated power at 25°C (W)		Range (Ω)	Tolerance (%)	T.C.R. (×10 <sup>-6</sup> /°C)	Voltage (V)
	With Shell	Without Shell				
RX24	5	3	0.01~1K	±1, ±5	±100, ±50	1000
	10/15	8	0.01~1.5K			
	20/25	12.5	0.01~20K			
	30	15	0.01~27K			
	50	20	0.01~33K			
RXG24	75	45	0.01~39K			
	100	50	0.01~51K			
	150	55	0.01~56K			
	200	50	0.01~62K			
	250	60	0.01~68K			
	300	75	0.01~75K			
	500	200	0.01~82K			2000

**Main inspection items, methods & requirements:**

<b>Test item</b>	<b>specifications</b>	<b>Test Method</b>
Solderability	Solder flow well and terminal well-covered with solder	Slotted Weld 235±5°C, 2s
Terminal strength	$\Delta R \leq \pm(1\%R+0.05\Omega)$	40N
Temperature change	$\Delta R \leq \pm(1\%R+0.05\Omega)$	-55°C/+155°C, 5 cycles
Overload	$\Delta R \leq \pm(1\%R+0.05\Omega)$	10P <sub>R</sub> 5s
Constant damp heat	$\Delta R \leq \pm(5\%R+0.1\Omega)$	40±2°C 93±3% 48H
Shock	$\Delta R \leq \pm(1\%R+0.05\Omega)$	490m/s 2 11ms 18 Times
Vibrations	$\Delta R \leq \pm(1\%R+0.05\Omega)$	10—50Hz 98 m/s <sup>2</sup> 6H
Endurance	$\Delta R \leq \pm(5\%R+0.1\Omega)$	RT P <sub>R</sub> 1000H
Resistance to soldering heat	$\Delta R \leq \pm(1\%R+0.05\Omega)$	350±10°C 3.5±0.5s
Surface temperature rise	≤ 275°C	V <sub>R</sub>



TUV



ROHS



ISO9001



Supplier Assessment