

RX24 Gold Aluminum Shell Resistors



Aluminum shell has good heat dissipation performance, weather resistance, vibration resistance, easy tight installation and easy attachment of radiator. It is suitable for high requirements and harsh environment.

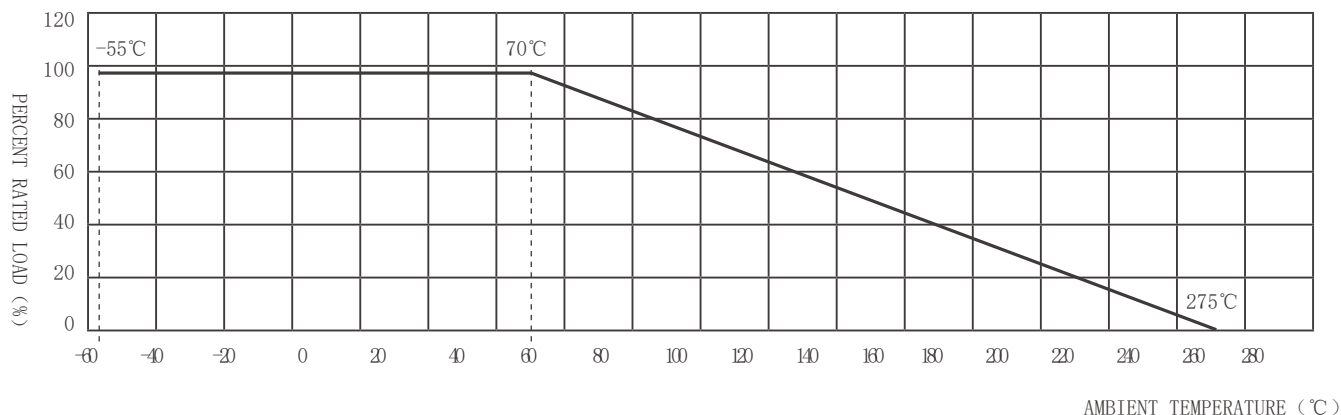
Specification

Rated power	Resistance	Resistance Tolerance (%)	Temperature Coefficient PPM/°C	Dielectric Strength
5W	0.01R-1K	±1%, ±5%	±100PPM, ±250PPM	1000V
10W	0.01R-1.5K	±1%, ±5%	±100PPM, ±250PPM	1000V
25W	0.1R-10K	±1%, ±5%	±100PPM, ±250PPM	1000V
50W	0.1R-15K	±1%, ±5%	±100PPM, ±250PPM	1000V
75W	0.1R-27K	±1%, ±5%	±100PPM, ±250PPM	1500V
100W	0.1R-33K	±1%, ±5%	±100PPM, ±250PPM	1500V
150W	0.1R-47K	±1%, ±5%	±100PPM, ±250PPM	1500V
200W	0.1R-56K	±1%, ±5%	±100PPM, ±250PPM	1500V
300W	0.1R-62K	±1%, ±5%	±100PPM, ±250PPM	1500V
500W	0.1R-68K	±1%, ±5%	±100PPM, ±250PPM	3000V
800W	0.1R-82K	±1%, ±5%	±100PPM, ±250PPM	3000V
1000W	0.1R-82K	±1%, ±5%	±100PPM, ±250PPM	3000V

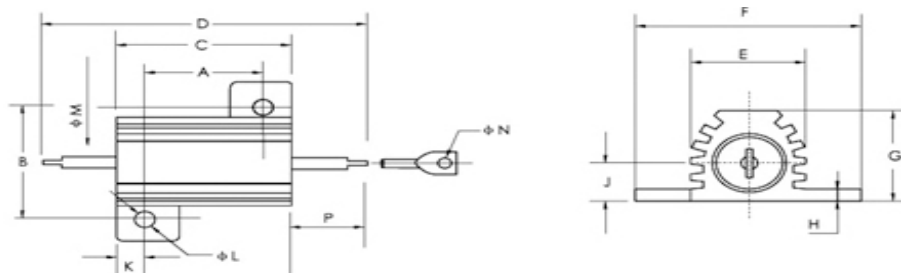
performance index

检验项目 TEST ITEM	试验方法 TEST METHOD	性能要求 PERFORMANCE REQUIREMENT
温度系数 Temperature coefficient	Test the resistance value at normal temperature and normal temperature added 100° C, calculate per ° C resistance value change rate.	0.1Ω ~ 0.99Ω : ±250ppm/°C > 1Ω : ±100ppm/°C、±250ppm/°C
短期过载 Short time overload	5 times rated power for 5S	$\Delta R \leq \pm (2.0R + 0.05\Omega)$
绝缘电压 Insulation voltage	According to the voltage specified in the table	$\Delta R \leq \pm (0.5R + 0.05\Omega)$
温度 Temperature	250°C, 2 h	$\Delta R \leq \pm (1.0R + 0.05\Omega)$
耐脉冲 Pulse resistance	100g, 6ms, 10 times	$\Delta R \leq \pm (0.5R + 0.05\Omega)$
高频率振动 High-Frequency Vibration	Frequency: 10 - 200Hz, peak value: 20g, 2 directions, The time is 6 h	$\Delta R \leq \pm (0.5R + 0.05\Omega)$

Power Derating Curve

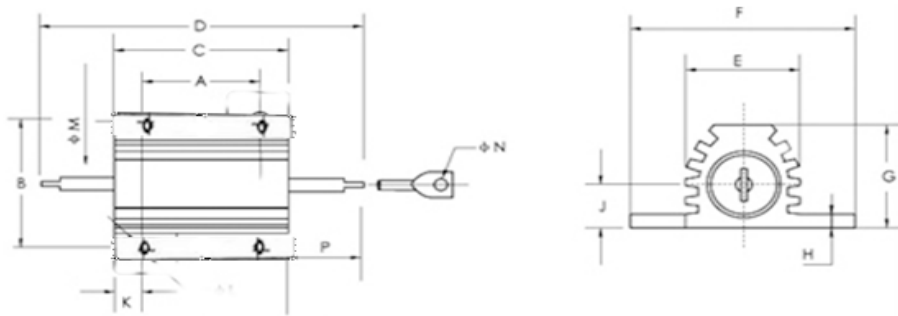


外型尺寸①



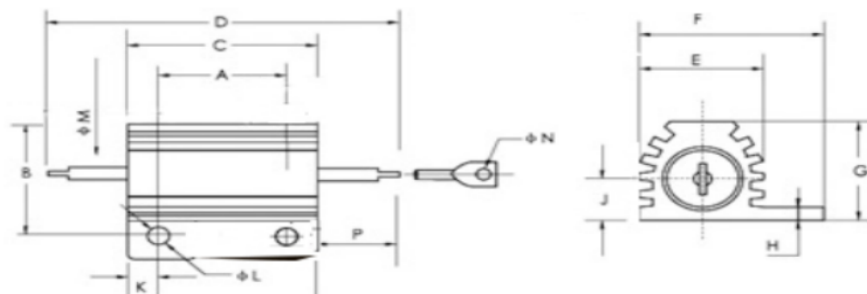
型号 TYPE	外形尺寸 DIMENSIONS (mm)													
	A ±1	B ±1	C ±1	D ±1.5	E ±0.5	F ±0.5	G ±0.5	H ±0.5	J ±0.5	K ±0.5	L ±0.5	M ±0.5	N ±0.5	P ±2
RX24-5W	11.4	13	15	70	9.5	17	9	1.2	3.9	2	2.3	0.7	—	27.5
RX24-10W	13	17	20	41	10.3	23	10.7	1.8	5	3.4	3	1.5	1.3	10.7
RX24-25W	18	20	27	52	15	29	15.6	2	7.6	4	3.5	2	2	12.5
RX24-30W	18.5	22	28	58	15.8	28	15	2	7.7	4.8	3.5	2	2	11
RX24-50W	40	20	50	75	15	29	15.5	2	7	5	3.5	2	2	12
RX24-80W	40	20	75	99	15	29	15.5	2	7.5	17.5	3.5	2	2	12

外型尺寸②



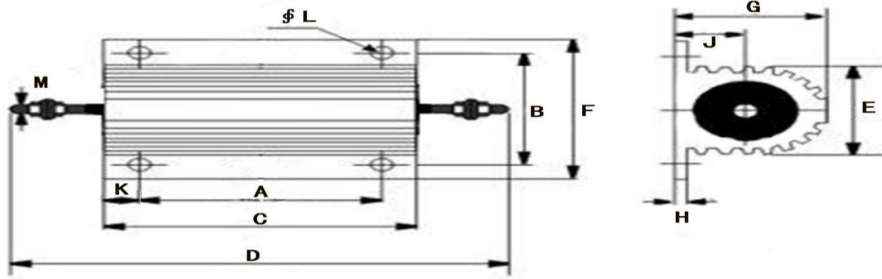
型号 TYPE	外形尺寸 DIMENSIONS (mm)													
	A ±1	B ±1	C ±1	D ±1.5	E ±0.5	F ±0.5	G ±0.5	H ±0.5	J ±0.5	K ±0.5	L ±0.5	M ±0.5	N ±0.5	P ±2
RX24-100WM	39.5	21.5	70	94	15	28	15	2	7	15	4	2.0	2.0	12
RX24-75WM	38.5	21.5	60	85.5	15	28	15	2	7	10	3.5	2.0	2.0	12

外型尺寸③



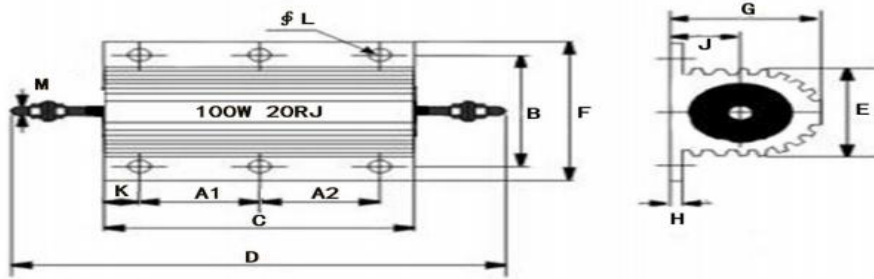
型号 TYPE	外形尺寸 DIMENSIONS (mm)													
	A ±1	B ±1	C ±1	D ±1.5	E ±0.5	F ±0.5	G ±0.5	H ±0.5	J ±0.5	K ±0.5	L ±0.5	M ±0.5	N ±0.5	P ±2
RX24-100WS	44.5	19	60	86	15	22	15	2	6.5	7.5	3.5	2.0	2.0	12.5

外型尺寸④



型号 TYPE	外形尺寸 DIMENSIONS (mm)											
	A ±1	B ±1	C ±1.5	D ±0.5	E ±0.5	F ±0.5	G ±0.5	H ±0.5	J ±0.5	K ±0.5	L ±0.5	M ±0.5
RX24-75W 标准	35	37	66	100	27	48	26	3.4	11.5	15	5	4

外型尺寸⑤



型号 TYPE	外形尺寸 DIMENSIONS (mm)												
	A1 ±1	A2 ±1	B ±1	C ±1.5	D ±0.5	E ±0.5	F ±0.5	G ±0.5	H ±0.5	J ±0.5	K ±0.5	L ±0.5	M ±0.5
RX24-100W	35	35	37	98	130	27	48	26	3.4	11.5	14	5	4
RX24-150W	56	56	37	136	170	27	48	26	3.4	11.5	12	5	4
RX24-200W	63	63	37	155	185	27	48	26	3.4	11	14.5	5	4
RX24-200WL	35	35	58	92	125	46	73	45	5	21	11.5	5	6
RX24-250W	45	45	58	112	145	46	73	45	5	20.5	11.5	5	6
RX24-300W	52	52	58	128	161	46	73	45	5	21	12	5	6
RX24-500W	86	86	58	200	230	46	73	45	5	21	13.5	5	6
RX24-800W	100	100	58	250	282	46	73	45	5	21	25	5	6
RX24-1000W	123	123	58	300	332	46	73	45	5	20.5	27	5	6

Note: Specifications can be made according to customer requirements.