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一:产品图片 Product images

fixed pattern

Adjustable type

undaform

二:特点 Characteristic

☑ High power capacity, can withstand a large current load

☑ It has a good high-temperature resistance characteristics

☑ Working in a high-temperature environment, with a good stability of the resistance value

☑ Strong practicability with strong physical performance is not easy to damage

☑ Supply of inductive winding, non-inductive winding and wave winding type

三: 外观要求 Appearance Requirement

1: regular shape, no obvious deformation, distortion or bending.

2: No scratches on the surface and no damage to the appearance of the resistance device

3: The pin is firmly connected with the resistor body without loosening

4: Clean feet and no oxidation and corrosion

四: 品名构成 Product Identification

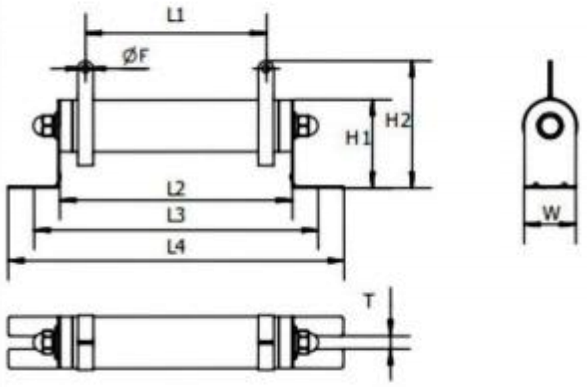
RX20	1000W	10R	J(±5%)
型式	额定功率	公称抵抗值	容许误差值
type	power rating	resistance	Tolerance

容许误差值
Tolerance

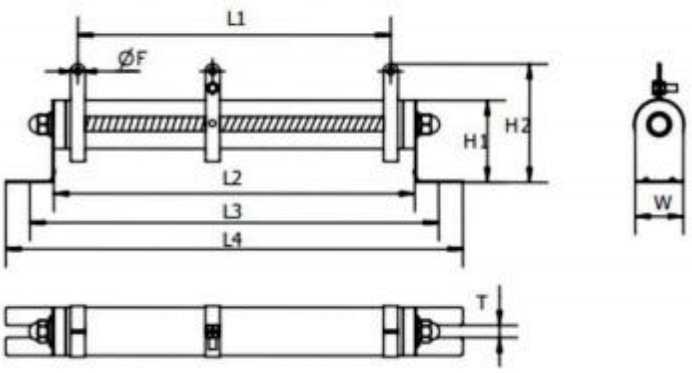
F	G	J
±1%	±2%	±5%

五: 规格 Specifications

固定型 Fixed Type:



可调型 Adjustable ty



Amount of power	Size (mm)								
	L1±3	L2±3	L3±3	L4±3	H1±3	H2±3	T±1	W±1	F±1
10W	33	45	69	84	27	43	4.5	16	3
20W	40	50	75	92	33	49	5	20	3
30W	58	70	95	115	33	49	5	20	3
40W	74	90	115	130	33	49	5	20	3
50W	75	90	124	145	44	65	6.5	28	5
80W	120	140	172	195	44	65	6.5	28	5
100W	152	170	202	228	44	65	6.5	28	5
150W	202	215	247	268	44	65	6.5	28	5
200W	246	267	300	322	44	65	6.5	28	5
300W	246	267	307	335	60	88	6.5	40	6
400W	305	330	372	400	60	88	6.5	40	6
500W	305	330	350	370	70	98	6.5	50	6
600W	265	300	325	350	86	118	8.5	60	6.5
800W	360	400	425	450	86	118	8.5	60	6.5
1000W	390	430	455	480	86	118	8.5	60	6.5
2000W	390	430	460	490	102	132	8.5	70	6.5
3000W	390	430	460	490	110	142	8.5	80	6.5
4000W	390	430	460	490	130	160	9	100	6.5
5000W	490	530	560	590	130	160	9	100	6.5
8000W	600	640	670	700	130	160	9	100	6.5
10000W	810	850	880	910	130	160	9	100	6.5

六：结构及标识 Structure and identification

1. Product structure

Order number	Constituent part	Composition of materials
1	Resistance wire	Close gold
2	Matrix	Ceramic matrix
3	Insulation material	Resin paint
4	Support	Iron plated tin
5	Snap ring	Tin card ring

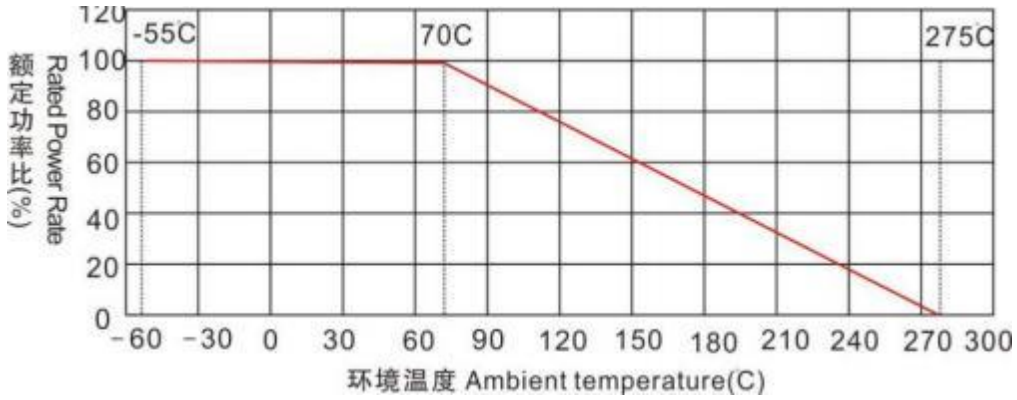
2. Identification and printing method: The following items are printed on the resistor body:

1	Example: RX20 500W50RJ

Seven: Power characteristics EIectrical specation

Test item	Testcondition	Function
Temperature coefficient	Measure the resistance value at room temperature and + 100 and calculate the resistance change per degree	±350ppm/℃
Short time over load	Apply the voltage (10 PR) of 10 times the rated power of the measured resistance or the maximum load voltage (the less powerful)	ΔR≤±（2%R0＋0.05 Ω）
Lead-end strength	ΔR≤±（1.0%R+0.05Ω）	Pull force 20N
Solderability	And immersed in a 260 ± 10 tin furnace for 2-3 seconds	The solder area covers more than 95%
Welding heat resistance	ΔR≤±（1.0%R+0.05Ω）	260±5℃ 10±1S
Temperature cycle	30 minutes at-55 , then 10-15 minutes at + 25 , then 30 minutes at + 275 , and then 10-15 minutes at + 25	ΔR≤±（1.0%R+0.05Ω）
Wet-resistant load life	At 40 ± 2 (small), 1000 hours (1.5 hours, 0.5 hours)	ΔR≤±（5.0%R+0.05Ω）
Temperature-resistant load life	A rated voltage or a maximum operating voltage was applied in a 70 ± 2 incubator (Small) 1000 hours (1.5 hours, 0.5 hours)	ΔR≤±（5.0%R+0.05Ω）
Noninflammability	5,10,16 times the rated power and AC load for 5 minutes	There shall be no visible flame
Surface temperature rise	≤350℃	Apply a rated power
Insulation resistance value	1000MΩ	1000V DC

Eight: the rated power decreasing figure Rated Power Decl- ine Diagram



Nine: the surface heating up Surface temperature rise