

Wirewound Resistor 波纹电阻器

Product Profile 产品简述

Two terminal extensions are fixed on both ends of a ceramic tube on whose surface winds wave-shaped alloy resistance wire and a high temperature resistant and fireproof coating are applied. The ceramic tube can function as resistance wire skeleton and heat radiator as well. This product can be customized to special needs of customers and applicable to simulation load test, equipment discharge, automated control and inverter's energy loss brake.

在圆柱型的陶瓷管上固定了两个引出端子，瓷管表面上缠绕了扁带波浪形状的合金电阻丝，并在其表面涂覆一层具有阻燃，耐高温特性的涂层。陶瓷管作为电阻丝骨架的同时，又具有散热器的功效。本品可按照客户的要求定制。本品适用于模拟负荷实验，设备放电，自动控制，变频器能耗制动等。



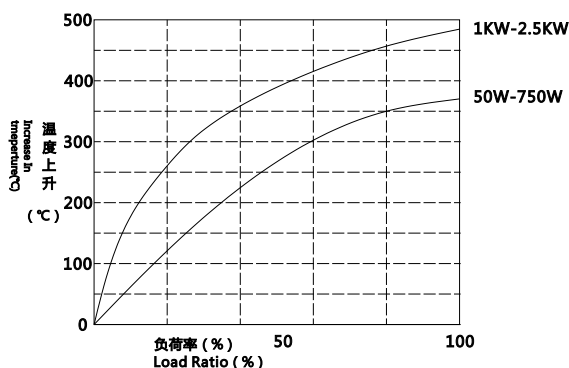
Product Parameters

- Power Range: 50W~15000W
- Voltage Range: <1.2KV
- Resistance Range: 1Ω~10KΩ
- Dielectric Strength: AC3KV 50Hz/5S
- IP Protection: IP00
- Element Material: OCr25Al5
- Advantage: High Voltage Application
- Disadvantage: Less Vibration

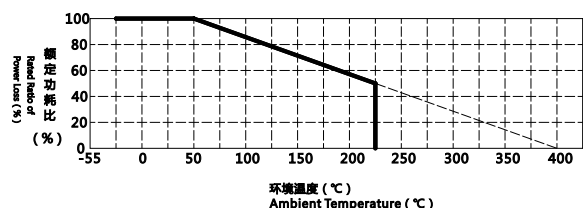
产品参数

- 额定功率范围：50W~15000W
- 工作电压范围：<1.2KV
- 额定阻值范围：1Ω~10KΩ
- 耐压范围：AC3KV 50Hz/5S
- IP等级：IP00
- 载流体材料：OCr25Al5
- 优势：可做高电压等级
- 劣势：抗震性较差

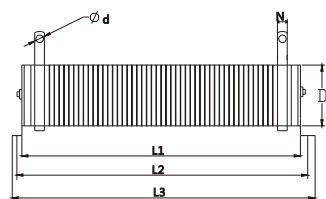
Surface Temperature Rise 表面温升



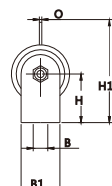
Derating Curve 降额曲线



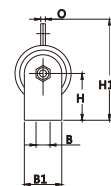
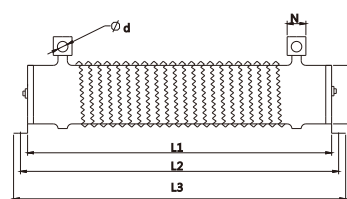
Product Size 产品尺寸图



Picture A



Picture B



Selection Table 选型表

Type 规格	Rated Power 额定功率 (W)	Picture NO. 图号	Dimension 外形尺寸 (mm)										Weight 重量 (KG)	Resistance Range 阻值范围 (Ω)	
			L1 (±2)	L2 (±5)	L3 (±3)	D (±2)	B	B1	H	H1 (±3)	N	Φd			O
RXG20	50	A	102	124	146	28	6.5	28	28	62	9.5	4.5	1.2	0.2	1Ω-10KΩ
RXG20	60		102	124	146	28	6.5	28	28	62	9.5	4.5	1.2	0.2	1Ω-10KΩ
RXG20	80		152	174	196	28	6.5	28	28	62	9.5	4.5	1.2	0.2	1Ω-10KΩ
RXG20	100		182	204	226	28	6.5	28	28	62	9.5	4.5	1.2	0.2	1Ω-10KΩ
RXG20	120		182	204	226	28	6.5	28	28	62	9.5	4.5	1.2	0.2	1Ω-10KΩ
RXG20	150		215	235	241	28	6.5	28	28	62	9.5	5.5	2.0	0.4	1Ω-10KΩ
RXG20	200		267	297	241	28	6.5	28	28	62	9.5	5.5	2.0	0.4	1Ω-10KΩ
RXG20	300	B	260	290	328	40	8.0	40	45	90	10	4	1.2	1.2	1Ω-10KΩ
RXG20	400		300	330	360	40	8.0	40	45	90	10	4	1.2	1.3	1Ω-10KΩ
RXG20	500		300	330	360	50	8.0	50	45	100	10	4	1.2	1.3	1Ω-10KΩ
RXG20	600		330	360	390	50	8.0	50	45	100	10	4	1.2	1.3	1Ω-10KΩ
RXG20	800		300	345	365	60	8.0	60	60	125	15	6.5	2.0	1.4	1Ω-10KΩ
RXG20	1000		300	345	365	60	8.0	60	60	125	15	6.5	2.0	1.4	5Ω-10KΩ
RXG20	1200		300	345	365	60	8.0	60	60	125	15	6.5	2.0	1.4	5Ω-10KΩ
RXG20	1500		420	465	485	60	8.0	60	60	125	15	6.5	2.0	1.7	5Ω-10KΩ
RXG20	2000		420	465	485	60	8.0	60	60	125	15	6.5	2.0	2.3	5Ω-10KΩ
RXG20	2500		420	465	485	60	8.0	60	60	125	15	6.5	2.0	2.5	5Ω-10KΩ
RXG20	3000		420	465	485	70	8.0	70	65	135	15	8.0	2.0	2.8	5Ω-10KΩ
RXG20	3500		510	550	570	70	8.0	70	65	135	15	8.0	2.0	2.8	5Ω-1kΩ
RXG20	4000		505	570	600	100	8.0	100	85	180	15	8.0	2.0	4.5	5Ω-1kΩ
RXG20	5000		505	570	600	100	8.0	100	85	180	15	8.0	2.0	4.5	5Ω-1kΩ
RXG20	6000		505	570	600	100	8.0	100	85	180	15	8.0	2.0	4.5	5Ω-1kΩ
RXG20	7000	700	745	790	100	8.0	100	85	180	15	8.0	2.0	16.0	5Ω-1kΩ	
RXG20	8000	700	745	790	100	8.0	100	85	180	15	8.0	2.0	16.0	5Ω-1kΩ	
RXG20	9000	720	755	795	150	8.0	150	100	245	18	8.0	2.0	16.0	5Ω-1kΩ	
RXG20	10000	720	755	795	150	8.0	150	100	245	18	8.0	2.0	17.0	5Ω-1kΩ	
RXG20	12000	720	755	795	150	8.0	150	100	245	18	8.0	2.0	17.0	5Ω-1kΩ	
RXG20	15000	720	755	795	150	8.0	150	100	245	18	8.0	2.0	17.0	5Ω-1kΩ	

Note: ROHS request should be noted in order.

备注：ROHS 规格产品需在定单中描述（其他技术参数要求，请垂询我公司业务）