

MNW 铝外壳线绕电阻 Aluminium Encased Wire-wound Resistors



本体颜色: Body Color
标准品: Standard (Black or White 黑色或白色)
标示: Marking
文字: Alphanumeric
(根据客户要求提供相应标识)
(According to the customer request to provide corresponding identification)

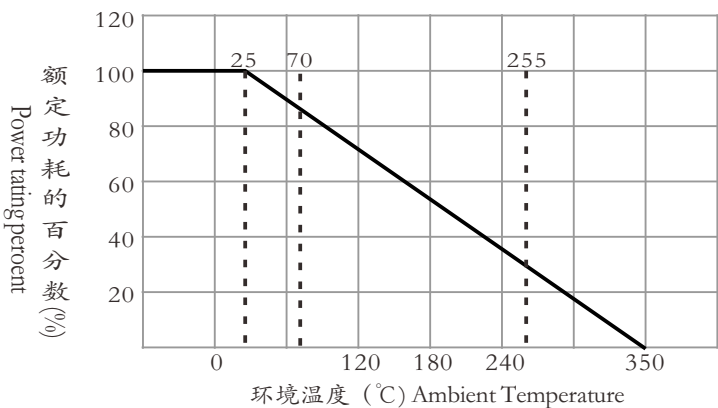
特性 Feature

- I 体积小, 功率大, 散热性能好, 适用于机电设备电路中, 壳体采用氧化铝瓷或铝合金外壳, 最大限度适应环境, 高可靠、耐高温、耐高压。
- II 适用于电力, 机车, 机电设备, 高频器上做功率吸收元件或负载使用。
- I Small volume, big power, heat resistance, is suitable for mechanical and electrical equipment, shell made of alumina or aluminum alloy shell, the maximum to adapt to the environment, high reliability, high temperature resistance, high pressure resistance.
- II Applicable to electric power, locomotive, electrical and mechanical equipment, high-frequency device on power absorbing element or load.

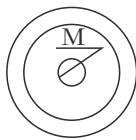
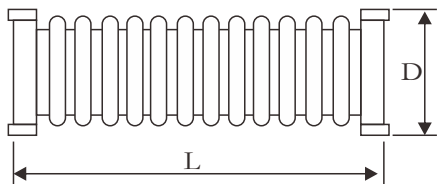
参考规格 Reference Standards

JIS C 5201-1

额定温度下降曲线图 Derating Curve



尺寸、功率、阻值范围与耐电压 Dimensions And Resistance etc



型号 Type	额定功率(W) Rate Power	冲击功率(W) Shock Power	极限电压(V) Limiting Voltage	脉冲电压(V) Pulse Voltage	绝缘电压(MΩ) Insulation Voltage	阻值范围(Ω) Resistance Range	阻值偏差 (%)	尺寸Dimensions(mm)		
								D	L	M
MNW	200	300	4000	5KV	1000	5R1~2K	G±(2%) J±(5%) K±(10%)	51	165	6
	300	400	4000	5KV	1000	5R1~3K		66	165	8
	400	600	4000	6KV	1000	5R1~4K7		51	265	6
	600	800	4000	8KV	1000	5R1~6K8		68	253	10
	600	800	4000	8KV	1000	6R8~10K		85	230	12
	600	800	4000	10KV	1000	5R1~7K5		66	265	12
	800	1000	4000	10KV	1000	10R~12K		85	270	12

性能 Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods(JIS C 5201-1)
绝缘电压 Insulation Voltage	无击穿或无弧	2000V直流或峰值与之相等的50H
绝缘电阻 Insulation Resistance	>1000MΩ	500V直流测试电压
振动 Vibratious	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	频率10-500Hz,加速度 $98m/s^2$,1h
碰撞 Bump	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	频率40-80次/min,加速度 $245m/s^2$,2000次
温升 Temperature Rise	$\leq 325^{\circ}C$	施加额定功率负荷
温度快速变化 Fast Temperature Change	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	-55℃,+200℃,5次循环
恒定湿热 Dampheat,steady state	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	温度 $40\pm 2^{\circ}C$,湿度 $93^{+2}_{-3}\%$,56h
过载 Overload	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	施加10倍额定功率负荷5s
室温耐久性 Endurace at room temperature	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	室温施加额定功率负荷1000h

料号编号 Ordering Information

例 example

MNW	200	J	1K00
型号 Type	额定功率 Rated Power	误差值 Tolerance	电阻值 (Ω) Resistance
	200		
	300	G±(2%)	
	400	J±(5%)	1K00=1KΩ
	600	K±(10%)	
	800		