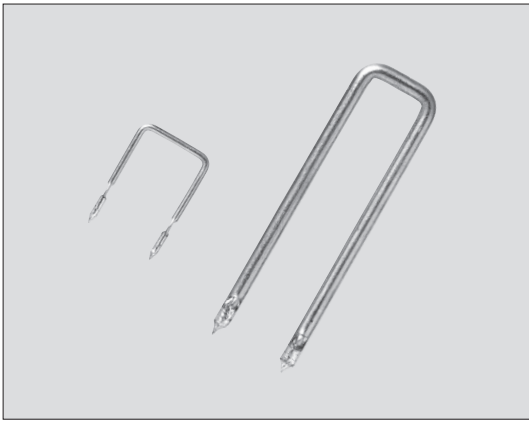
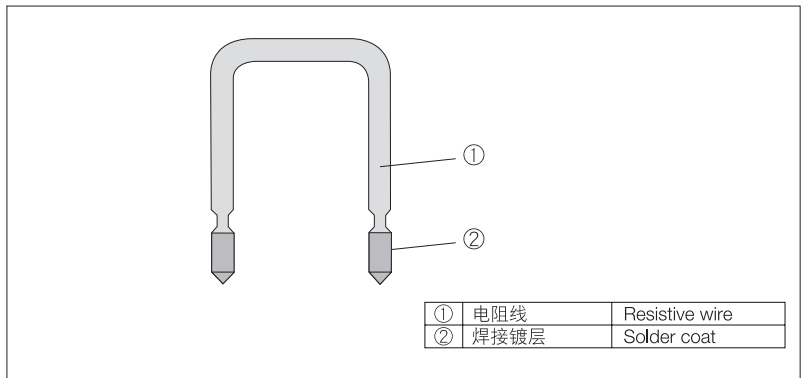


LR 定制毫欧电阻器 Custom Milliohm Resistors



■ 结构图 Construction

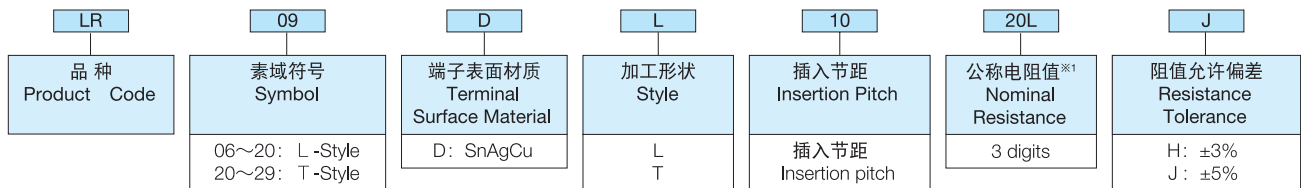


■ 特点 Features

- 是超低电阻值 (3mΩ~)，适用于大电流的检测。
 - 对照安装条件，调整节距·高度。
 - 全部是定制品。
 - 容易焊接。
 - 对应欧盟RoHS。
- The super low resistance (3mΩ~) is suitable for high power current detection.
 - Pitches and heights adjustable according to mounting conditions.
 - All custom-made products.
 - Easy soldering.
 - Products meet EU-RoHS requirements.

■ 品名构成 Type Designation

实例 Example



*1

电阻值范围 (Ω) Resistance Value	3位表示 3 digits
3m~9.1m	3L0~9L1
10m~91m	10L~91L
0.1	R10

预知关于此产品含有的环境负荷物质详情(除EU-RoHS以外)，请与我们联系。

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS.

■ 额定值 Ratings

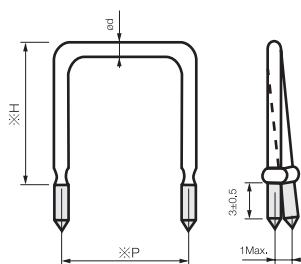
型号 Type	符号 Symbol	线径 φd Diameter (mm)	最大额定电流 Max. Current Rating (A)	电阻值范围 Resistance Range (mΩ)	阻值允许偏差 Resistance Tolerance	电阻温度系数 T.C.R. (×10 ⁻⁶ /K)	额定环境温度 Rated Ambient Temp.	使用温度范围 Operating Temp. Range
LR06D	06	0.6	3.0	50~100	H: ±3% J: ±5%	±100	+70℃	-40℃~+180℃
LR07D	07	0.7	4.0	30~70				
LR08D	08	0.8	4.5	20~50				
LR09D	09	0.9	5.0	20~40				
LR10D	10	1.0	5.5	15~30				
LR11D	11	1.1	6.0	15~20				
LR12D	12	1.2	7.0	10~20				
LR13D	13	1.3	7.5	10~20				
LR14D	14	1.4	8.0	10~20				
LR15D	15	1.5	9.0	10~20				
LR16D	16	1.6	9.5	10~15				
LR18D	18	1.8	11	5~10				
LR20D	20	2.0	12	5~10				
LR23D	23	2.3	14	3~10				
LR26D	26	2.6	18	3~5				
LR29D	29	2.9	21	3~5				

对应上述以外的线径·电阻值，与本公司商谈。

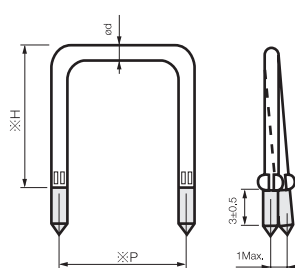
Other diameters and resistances are also available on request.

■ 外形尺寸 Dimensions

加工形状L L style



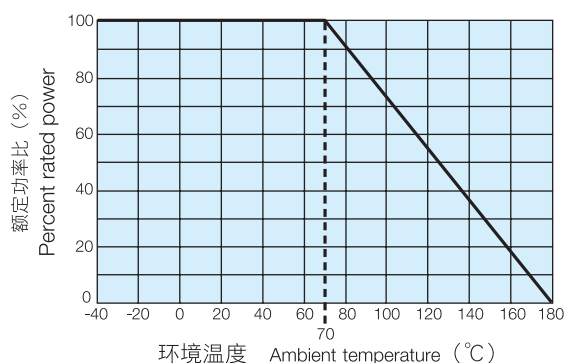
加工形状T T style



※ P,H尺寸, 请商谈。 ※ Please consult with us about dimensions "P" and "H".

※ T形状对 $\phi 2.0$ 以上适用。 ※ T Style is applied for the diameter of $\phi 2.0$ or above.

■ 负荷特性曲线 Derating Curve



在环境温度70℃以上使用时, 应按上图的负荷特性曲线, 减小额定功率。

For resistors operated at an ambient temperature of 70°C or above, a power rating shall be derated in accordance with the above derating curve.

■ 性能 Performance

试验项目 Test Items	标准值 Performance Requirements $\Delta R \pm \%$		试验方法 Test Methods
	保证值 Limit	代表值 Typical	
电阻值 Resistance	在规定的允许偏差内 Within specified tolerance	-	25°C
电阻温度系数 T.C.R.	在规定的允许偏差内 Within specified tolerance	-	室温/100°C以上 Room temperature + 100°C
耐焊接热 Resistance to soldering heat	2	1.6	350°C \pm 10°C, 3s
耐湿负荷 Moisture resistance	3	2.7	Power rating \times 1/10, 40°C, 90%~95%RH, 1000h 1.5小时ON、0.5小时OFF的周期 1.5h ON/0.5h OFF cycle
在70°C时的耐久性 Endurance at 70°C	5	3	额定电压, 70°C, 1000小时, 1.5小时打开 / 0.5小时关闭的周期 Rated voltage, 70°C, 1000h, 1.5h ON/0.5h OFF cycle

■ 使用注意事项 Precautions for Use

- 50m Ω 以下的电阻值, 焊接区模式的大小和接续焊剂的量的不同, 焊接后的电阻值会有变动。应在事前确认电阻值降低•升高的影响后, 再设计设备。
- In the resistance values of 50m Ω or under, the resistance value after soldering may change depending on the size of pad pattern or solder amount. Make sure the effect of decline/increase of resistance value before designing.