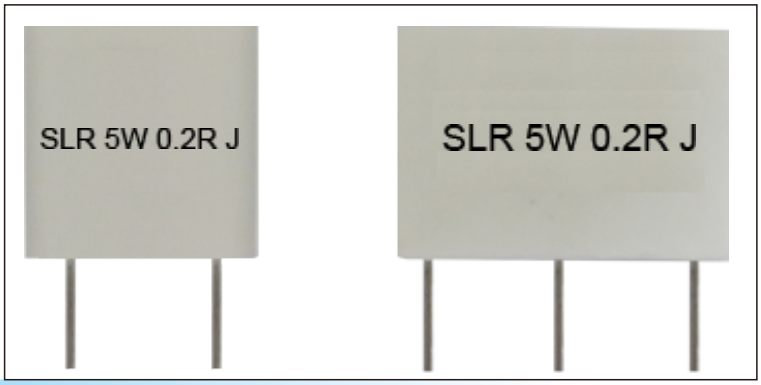
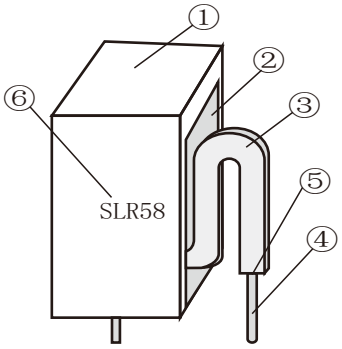
SLR 金属板电阻



特性 Feature

Ⅰ功率型的电流检测用电阻器。
Ⅱ置于陶瓷壳之内，为难燃性电阻器。
Ⅲ端子的5毫节距可以自动插入。
Ⅳ低电感。
Ⅴ占用面积小。
Ⅵ对应欧盟RoHS。
Ⅰ Power type current detecting resistors.
Ⅱ Flame retardant resistors is Ceramic Case.
Ⅲ Automatic insertion for a 5mm pitch between terminals is applicable.
Ⅳ Low inductance.
Ⅴ Space saving.
Ⅵ Products meet EU-RoHS requirements.

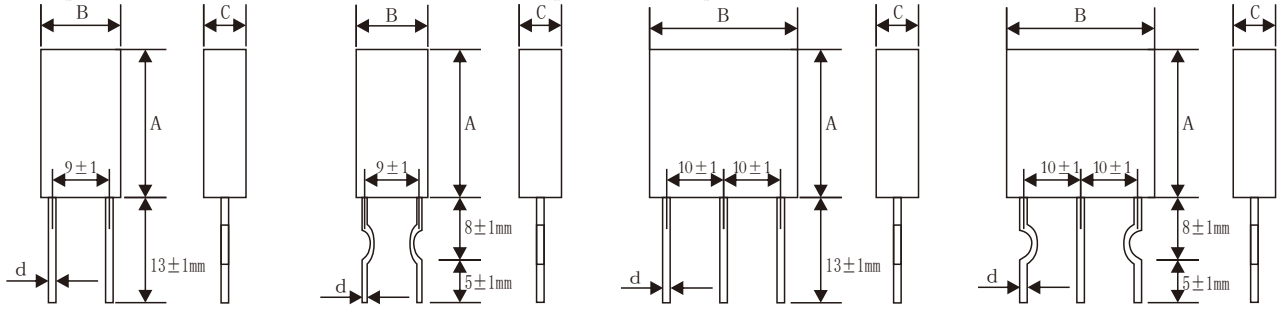
结构图 Construction



①	陶瓷壳	Ceramic case
②	水泥	Cement
③	电阻体	Resistive element
④	导线	Lead wire
⑤	焊接点	Welding
⑥	标示	Marking

外形尺寸 Dimensions

需要外壳和导线位置尺寸时，请向我们询问。
Please inquire of us if the dimensions for the case and lead position are required.



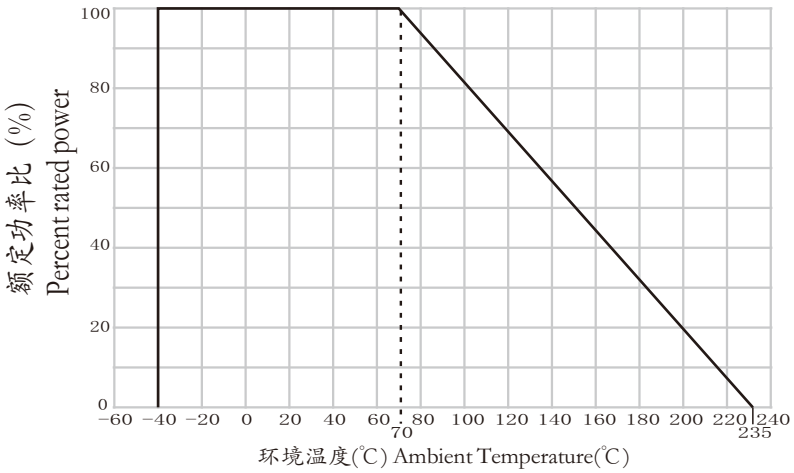
Single Straight形状 Single Straight Style
Twin形状 Twin Style
Single Forming形状 Single Forming Style
Twin形状 Twin Style

型号 Type	规格 Style	尺寸Dimensions(mm)				重量Weight(g)
		A	B	C	Φd	(1000pcs)
SLR	18	10±1.0	10±1.0	5±0.5	0.8±0.05	1250
	26, 28	8.0±1.0	13±1.0	5±0.5	0.8±0.05	1250
	36, 38	13±1.0	13±1.0	5±0.5	0.8±0.05	2350
	56, 58	18±1.0	14±1.0	5±0.5	0.8±0.05	3400
	108	18±1.0	26±1.0	5±0.5	0.8±0.05	5900
	22	9.0±1.0	26±1.0	5±0.5	0.8±0.05	3000
	33	13±1.0	26±1.0	5±0.5	0.8±0.05	5000
	55	18±1.0	26±1.0	5±0.5	0.8±0.05	6000
	77	18±1.0	26±1.0	5±0.5	0.8±0.05	6000

●功率、阻值范围与耐电压Power And Resistance etc

型号 Type	规格 Style	额定功率 Rated power(W)	阻值范围 Resistance Range(Ω)	误差值 Tolerance	耐电压Dielectric Withstanding Voltage	温度系数 T.C.R	包装Pack(pcs) Straight	包装Pack(pcs) Forming
SLR	18	1	0.01~5Ω	F±1% G±2% J±5% K±10%	500V	±350ppm/℃	1000	---
	26	2	0.01~50Ω					
	28	2	0.01~50Ω					
	36	3	0.01~100Ω				1000	
	38	3	0.01~100Ω					
	56	5	0.01~200Ω					1000
	58	5	0.01~200Ω					
	108	10	0.01~1KΩ					
	22	2+2	0.01~50Ω					
	33	3+3	0.01~100Ω					---
	55	5+5	0.01~200Ω					
	77	7+7	0.01~500Ω					

●降功耗曲线图 Derating Curve



在周围温度大于70℃的情况下使用，请根据上述负荷特性曲线，减小额定功率。
For resistors operated at an ambient temperature of 70℃ or above , a power rating shall be derated in accordance with the above derating curve.

●使用注意事项 Precautions for Use

●对于50mΩ以下的电阻值，由于焊盘的尺寸和焊接用焊锡使用量的变化，焊接后的电阻值可能会发生变化，请事先确认电阻值可能降低或者增高的影响，然后再设计机器。

●推荐的焊接条件

最高温度：260℃ ±5℃ 最高时间：5~10秒。

●In the resistance values of 50mΩ 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.

●Recommendation condition of a solderability.

Peak temperature:260℃ ±5℃ Peak time:5~10s

性能 Performance

参考标准 JISC5201-1 Referance standards JISC5201-1

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods(JIS C 5201-1)
电阻值 Resistance	规定的误差值内 Within specified tolerance	测量点从端盖1.6mm Measuring points are 1.6mm from the cap
温度系数 T.C.R.	规定值内 Within specified T.C.R.	室温+100℃ Room temperature+100℃
短时间过负荷 Stort time overload	±(2%R+0.05Ω)	6.25倍额定功率5秒 6.25time the rated power for 5seconds
负荷寿命 Load life	±(5%R+0.1Ω)	Rated voltage at 70℃ for 1,000hours 1.5hr ON/0.5hr OFF Cycles
耐湿负荷寿命 Load life in humidity	±(5%R+0.1Ω)	额定电压40℃，95%RH，1，000小时 Rated voltage at 40℃，95%RH for 1,000hours
耐湿性 Moisture resistance	±(2%R+0.05Ω)	40℃，95%RH，240小时 40℃，95%RH for 240 hours
温度循环 Temperature cycle	±(1%R+0.05Ω)	5cycles for -25℃ (30min); room temp.(30min) ~ +85℃ (30min) room temp.(30min)
焊锡耐热 Resistance to soldering heat	±(2%R+0.05Ω)	260℃+5℃ for 10 seconds(焊锡槽) 350℃+10℃ for 3.5 seconds(手焊锡)
绝缘电阻 Insulation resistance	>10MΩ	500V绝缘测试1分钟 500V insulation test 1min

料号编号 Ordering Information

实例 Example

SLR	5	8	CP	F	R10	J
品种 Product Code	额定功率 Power Rating	引导线线径 Lead Wire Diameter	端子线 Lead wire	二次加工 Taping & Forming	公称电阻值 Nominal Resistance	阻值允许偏差 Resistance Tolerance
SLR	2:2W 3:3W 5:5W	6:Φ0.6mm 8:Φ0.8mm	C:SnCu	空栏:直引线 Nil:Straight lead F:成型 F:Forming FT:Radial Taping(径向编带) (仅BPR26FT,58FT) FT:Radial taping (BPR26FT,BPR58FT only)	3 digits	J:±5%
	10:10W	8:Φ0.8mm	CP: Cp wire		Ex:※1 0.1Ω:R10 47mΩ:47L	K:±10%
	55:5W+5W 77: 7W+7W	空栏 Blank				

※1

电阻值范围 (Ω) Resistance Value	3位表示 3digits
10m~82m	10L~82L
0.1~0.82	R10~R82
1	1R0

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。

关于Radial Taping(径向编带）的详细情况，请参照卷末的附录C。

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

For further information on radial taping, please refer to APPENDIX C on the back page.