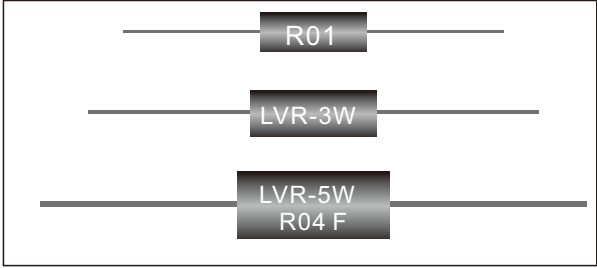


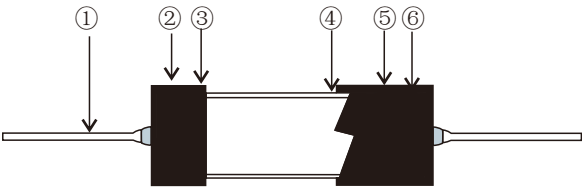
LVR 精密电流取样电阻 Precision current sense resistors



● 特性 Feature

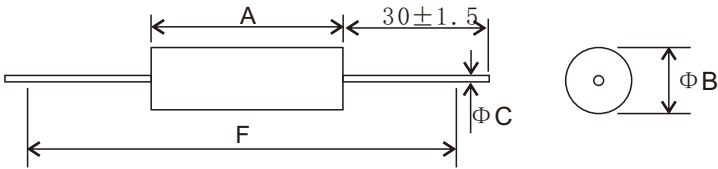
- I 低阻值 Low Resistance
- II 高精度 High Precision From $\pm 1\%$
- III 完全模压结构 Full Molded Construction
- IV 无电感 Non-inductance
- V 高稳定性 High stability

● 结构图 Construction



①	端子线	lead wire
②	线帽	cap
③	瓷棒	cermic base
④	电阻芯	Resistance core
⑤	标示	marking
⑥	模压塑料	full molded construction

● 外形尺寸 Dimensions



规格 Type	功率 Power (W)	尺寸Dimensions(mm)			测试点 F
		A ± 0.25	$\Phi B \pm 0.25$	ΦC	
LVR05	0.5	7.0	3.0	0.8	27.0
LVR10	1.0	9.9	3.6	0.8	33.0
LVR20	2.0	11.0	3.6	0.8	33.0
LVR30	3.0	14.0	5.2	0.8	34.0
LVR40	4.0	18.6	6.5	0.8	38.0
LWL50	5.0	24.0	8.4	1.0	44.0
LVR70	7.0	27.0	9.5	1.0	47.0
LVR100	10.0	46.5	10.0	1.0	66.0

● 功率、阻值范围与耐电压Applications And Ratings

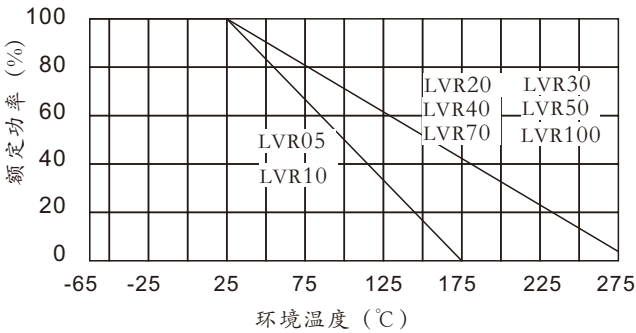
规格 Type	功率 Power (W)	阻值范围Resistance Range(Ω)	
		最小值 MIN	最大值 MAX
LVR05	0.5	R01	R 1
LVR10	1.0	R005	R 2
LVR20	2.0	R005	R 2
LVR30	3.0	R005	R 2
LVR40	4.0	R005	1 R
LVR50	5.0	R005	1 R
LVR70	7.0	R005	1 R
LVR100	10.0	R01	1 R

LVR 精密电流取样电阻 Precision current sense resistors

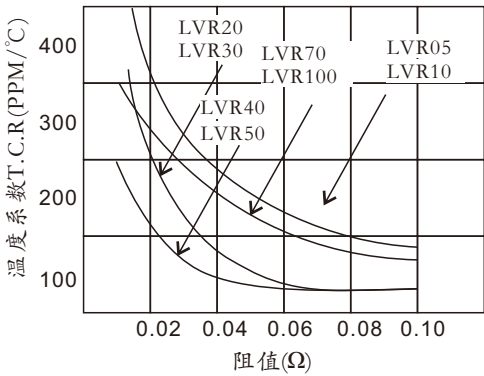
参考规格Reference Standards

JIS C 5201-1

降功耗曲线 Derating Curve



温度随阻值变化曲线



性能 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Methods(JIS C 5201-1)
过载Short Time Overload	$\leq \pm (0.5\%R + 0.0005\Omega)$	5 x rated power 5 s
温度冲击Temperature shock	$\leq \pm (0.20\%R + 0.0005\Omega)$	-65 ° C to + 125 ° C, 5 cycles, 15 min at each extreme
低温工作Low tempoperation	$\leq \pm (0.20\%R + 0.0005\Omega)$	-65°C for 24h
介质耐压 Dielectric Withstanding Voltage	$\leq \pm (0.1\%R + 0.0005\Omega)$	1000VRMS,1Min
耐焊接热Leaching	$\leq \pm (0.1\%R + 0.0005\Omega)$	350°C,3.5s
耐湿 Moisture Resistance	$\leq \pm (0.2\%R + 0.0005\Omega)$	40°C,RH93%,21D
负载寿命Load life	$\leq \pm (1.0\%R + 0.0005\Omega)$	1000h at rated power, +70°C,1.5h “ON” ,0.5h” OFF”
可焊性 Solderability	$\leq \pm (0.25\%R + 0.0005\Omega)$	IEC68-2-20(1968)槽焊法, 235±5°C , 2s
高频振动 Vibration High Frequency	$\leq \pm (0.1\%R + 0.0005\Omega)$	Frequency varied 10 Hz to 2000 Hz, 20 g peak, 2 directions 6 h each

料号编号 Ordering Information

例 example

LVR	05	F	R01	±50ppm	盒装
型号 Type	额定功率 Rated Power	误差值 Tolerance	电阻值 (Ω) Resistance	温度系数 TCR	包装方式 Packaging
	05:0.5W 10:1.0W 20:2.0W 30:3.0W 40:4.0W 50:5.0W 100:10.0W	D ± 0.5% F ± 1% J ± 5%	RO1=0.01Ω	± 25ppm/°C ± 50ppm/°C ± 100ppm/°C ± 250ppm/°C	盒装 Box

包装说明：包装塑料自封袋包装（起订量100只）
Packaging：Plastic recloseablebags(moq：100PCS)