

OFSC电流取样电阻 shunt resistore series



● 特性 Feature

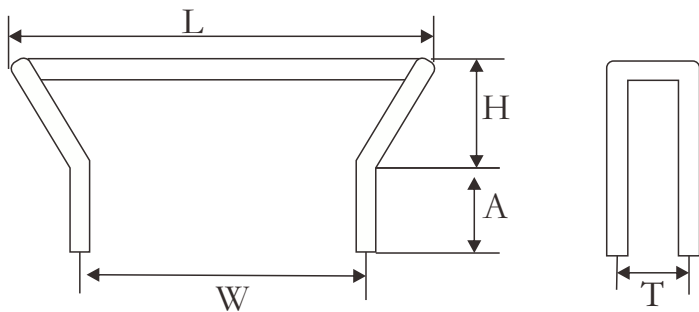
- (1) 功率Power 8W, 10W, 13W
- (2) 精度Tolerance $\pm 1\%$, $\pm 5\%$
- (3) 温度系数TCR $\pm 40\text{ppm}/^\circ\text{C}$
- (4) 阻值最低至Resistance Values Down to or: 0.0005Ω
- (5) 焊接机构Welded Construction
- (6) 耐高温Flameproof
- (7) 电感小于Low Inductance 10nH
- (8) 引脚镀锡易于锡焊 Solderable Copper leads
- (9) 符合ROHS要求 Lead-free
- (10) 特殊规格可以订做

Special tight tolerance are available on request

● 应用 Applications

- (1) 电流采样 Current sensing
- (2) 反馈电路 Feedback
- (3) 低电感电路 Low inductance
- (4) 大电流脉冲电路 Surge and pulse

● 尺寸 Dimensions



低阻值范围的一端可以去掉注意以下需求:
On lower ranges stand-off may be eliminated Note:

请联系我司工厂

Contact factory for:

1. W尺寸的不同
Variations of "W" dimension
2. 不同的端子直径
Different lead diameter

规格 Type	功率 Power (W)	尺寸Dimensions(mm)				
		W	H	A	T	L(MAX)
OFSC	8	25.4	6.5 ± 0.8	6.0 ± 0.5	6.35 ± 0.3	35
OFSC	10	25.4	6.5 ± 0.8	6.0 ± 0.5	6.35 ± 0.3	35
OFSC	13	25.4	6.5 ± 0.8	6.0 ± 0.5	6.35 ± 0.3	35

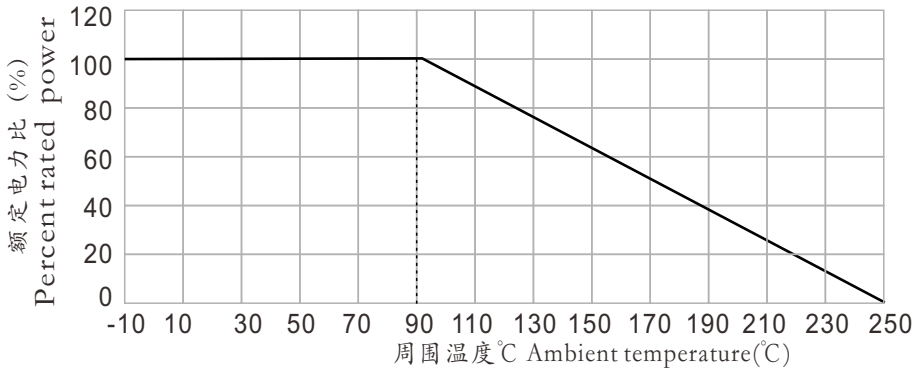
● 功率、阻值范围 Power And Resistance

规格 Type	功率 Power(W)	阻值范围 Resistance Range(Ω)	误差值 Tolerance	温度系数 T.C.R(PPM/ $^\circ\text{C}$)
OFSC	8	0.0005~0.01	$\pm 1\%$, $\pm 5\%$	$\pm 40\text{PPM}/^\circ\text{C}$
OFSC	10			
OFSC	13			

● 参考规格 Reference Standards

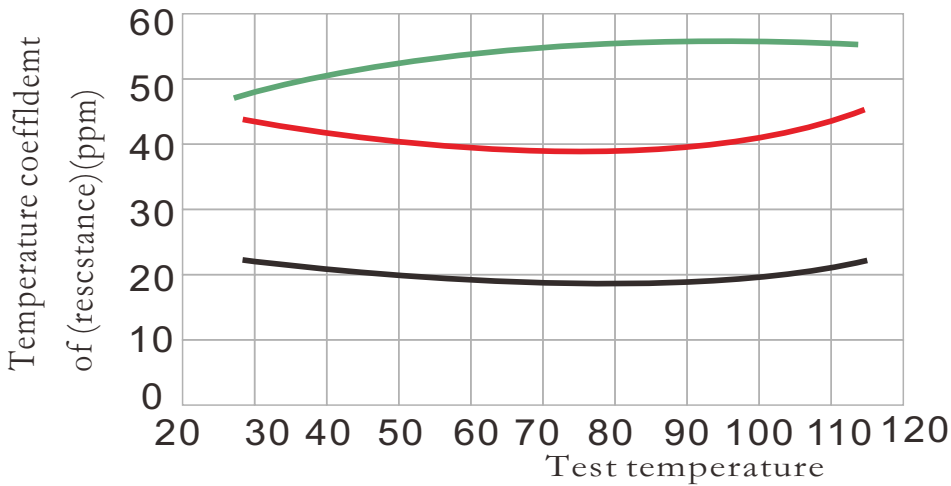
JIS C 5201-1

● 额定温度下降曲线图 Derating Curve



● 电气性能 Electrical Features

温度系数曲线 TCR Derating



● 性能 Performance

负载寿命: 25°C 1000小时 Load life: 1000hrs at 25°C :	1%
湿度测试无负载100小时 Moisture no load 100 hrs :	1%
温度循环 -40°C ~ 150°C (1000循环) Temperature cycle at -40°C ~ +150°C (1000cys)	1%

● 料号编号 Ordering Information

例 example

OFSC	10	J	R0005
产品名称 Product Name	功率 Power	精度 Tol	阻值 Ohm
OFSC	8=8W 10=10W 13=13W	J=±1% K=±5%	R0005=0.005