

非常适合大电流应用中的电流检测用途

Ideal for Current Detection in Large-Current Applications



大功率超低阻值 分流电阻器

High Power Ultra-Low-Ohmic Shunt Resistors

PSR Series

特点

- 抗负载能力强，结构简单

Simple structure strong against large loads
- 采用凸型结构，优化了散热性

Convex design used for mitigating the effects of heat to a board
- 实现0.1mΩ~的超低阻值

Ultra-low resistances from 0.1mΩ

应用

- 车载 (EPS、电池监控单元、HVAC、其他)

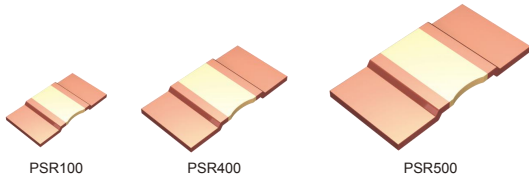
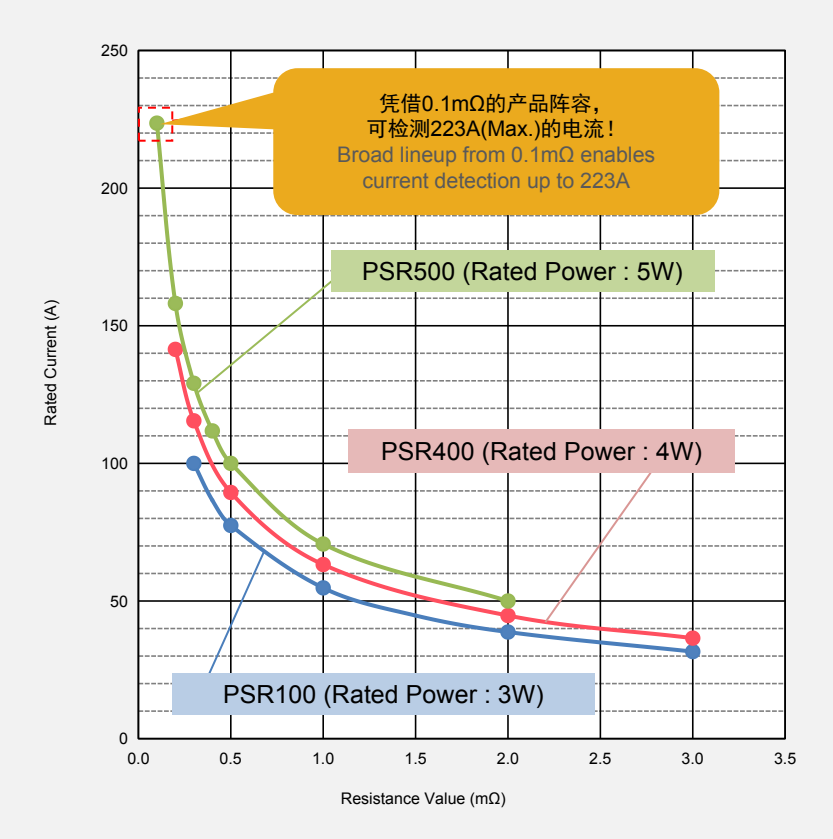
Automotive (i.e. EPS, battery monitoring unit, HVAC)
- 工业设备 (服务器电源、基站电源、ESS)

Industrial equipment
(e.g. power supplies for servers and base stations, ESS)
- 白色家电 (空调、冰箱)

Home appliances (AC, refrigerators)

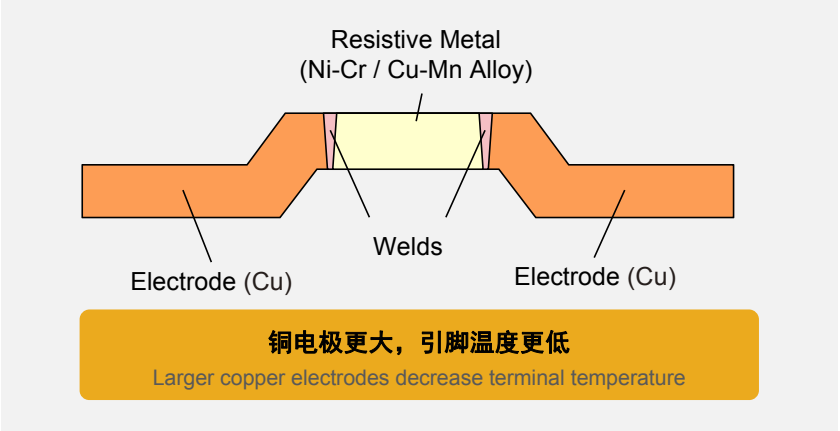
支持更大电流

Supports Larger Currents



采用高散热结构

High Heat Dissipation Structure



产品阵容

Lineup

Part No.	Size mm (inch)	Rated Power (W)	Resistance Tolerance	Temperature Coefficient of Resistance (ppm/°C)*	Resistance Range (mΩ)	Operating Temperature Range (°C)
PSR100	6432 (2512)	3	F (±1%)	±150	0.3	-55 to +170
				±115	0.5	
				±100	1.0	
				±50	2.0, 3.0	
PSR400	10 × 5.2 (3921)	4	F (±1%)	125±50	☆ 0.2	
				±175	0.3, 0.5	
				±75	1.0, 2.0, 3.0	
				200±50	☆ 0.1	
PSR500	15 × 7.75 (5931)	5	F (±1%)	±225	0.2	
				±150	0.3, 0.4, 0.5	
				±75	1.0, 2.0	
				☆ 0.1	☆ 0.1	

* 开发中 * (+20° C to +125° C)