Metal Plate Power Shunts 244A, 3920 & 2512 inch

NEW

For high current applications, KOA has now expanded its existing Power Shunt series by adding the PSJ2 and the PSL2. The PSJ2 (3920 inch) resistor can measure currents up to 244 A (200 µOhm).

Constructed using a solid metal alloy resistance element with copper terminations, the device provides superior corrosion and heat resistance and has excellent pulse resistance.

The PSJ2 and the PSL2 have a very low profile with a thickness of between 0.84 mm and 1.98 mm.

PSJ2, PSL2 Series

Product Features

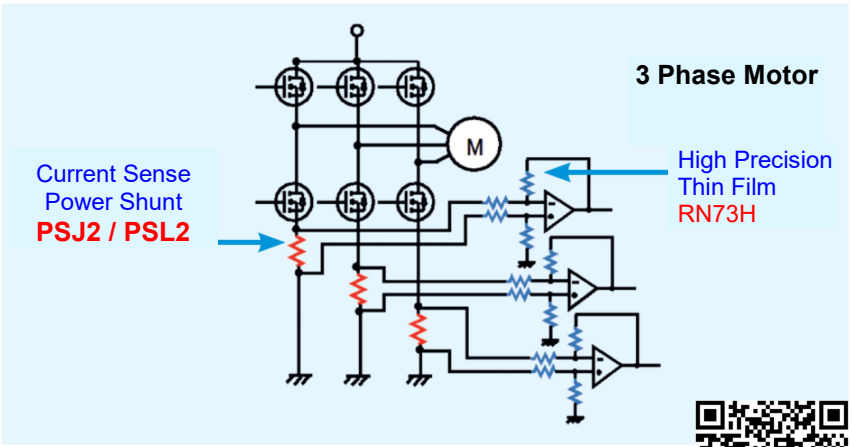
- PSJ2: 244 A - 0.2 mΩ to 35 A - 4 mΩ
- PSL2: 212 A - 0.2 mΩ to 126 A - 0.5 mΩ
- Sizes: **3920** (PSJ2) and **2512** inch (PSL2)
- 2 terminal configurations
- Ultra-low resistance, suitable for large current detection
- Excellent long-term stability and pulse withstanding performance
- Robust copper terminations
- EU-RoHS compliant, AEC-Q200 qualified

Ratings

Type	Size (inch)		Power Rating (Current Rating)	T.C.R.	Resistance	Resistance Tolerance	Rated Terminal Part Temperature	Operating Temp. Range
PSJ 2	3920	NEW	12 W (244 A)	±200 ppm/K	0.2 mΩ	F: ±1 %	+75 °C	-65 °C ... +175 °C
			10 W (141 A)	±100 ppm/K	0.5 mΩ			
			8 W (89 A)	±75 ppm/K	1 mΩ			
			6 W (54 A)	±75 ppm/K	2 mΩ			
			5 W (41 A)	±50 ppm/K	3 mΩ			
			5 W (35 A)	±50 ppm/K	4 mΩ			
PSL 2	2512		9 W (212 A)	250 ±100 ppm/K	0.2 mΩ			
			8 W (163 A)	±175 ppm/K	0.3 mΩ			
			8 W (126 A)	±115 ppm/K	0.5 mΩ			

Application Examples

- High current automotive applications (ECU, EPS, motor control, EV/HEV)
- DC/DC converter
- Inverter power supplies
- Frequency converters
- Intelligent power modules



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