10 mΩ to 100 mΩ Current Sensing Chip Resistors

SLP Series



The new SLP-series of metal element current sensing resistors for the range 10 m Ω to 100 m Ω is now available from KOA.

The metal electrodes offer excellent solderability and have excellent thermal expansion and shrinkage stress performance.

With a T.C.R. of ± 50 ppm/K and tolerance available to ± 0.5 %, the new SLP-series is ideal for battery monitoring and other automotive and industrial applications.

Features

- 10 mΩ ~ 100 mΩ
- Tolerance to ±0.5 %
- T.C.R.: ±50 ppm/K
- Side termination structure can create solder fillet
- 2 W power rating in 2010 inch
- EU-RoHS compliant
- AEC-Q200 qualified

Ratings

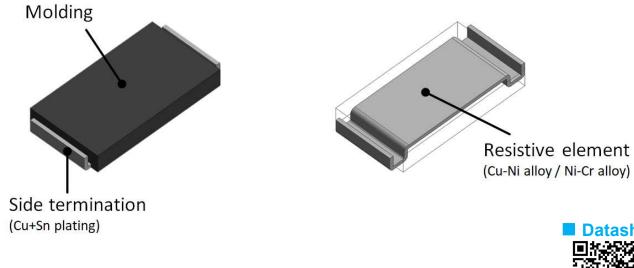
Application Examples

- Automotive electronics
- Batteries
- Industrial equipment
- DC/DC converters

Туре	Size (inch)	Power Rating	Rated Terminal Part Temp.	T.C.R. (ppm/K)	Resistance Range (Ω) E24 & E96 * ¹	Resistance Tolerance	Operating Temp. Range
SLP 2H	2010	1 W	+110 °C	±50	10 m ~ 100 m	D: ±0.5 % F: ±1 %	-65 ~ +170 ℃
SLP 2HW		2 W	+70 °C		10 m ~ 40 m		
SLP 3A	2512	1 W	+110 °C		10 m ~ 100 m		
SLP 3AW		2 W	+70 °C		10 m ~ 40 m		

 *1 Resistance values outside E-series are available in 5m Ω steps (10m, 15m, 20m, etc.)

Construction



For more information, please contact:

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