



## SC-5A, 10A, 20A CURRENT SENSOR

### PRODUCT DESCRIPTION

SC-5A, 10A and 20A series of Miniature Current Sensors are used on PC boards and accurately measure DC or AC electric current with high linearity and low offset voltage. It is solution for isolating the sensor output and the current carrying conductor.

### KEY FEATURES

- Small Size
- Low cost
- High linearity
- High accuracy

### SPECIFICATIONS PART NUMBERS

	SC - 5A	SC - 10A	SC - 20A
Supply Voltage	5V	5V	5V
Current Input	±5A	±10A	±20A
Sensitivity	0.3V/A	0.15V/A	0.075V/A
Output Voltage	0-3V	0-3V	0-3V
Linearity %FS	0.50%	0.50%	0.50%
Response Time	10μs	10μs	10μs
Frequency	0-100KHz	0-100KHz	0-100KHz
Temperature	-40-125°C	-40-125°C	-40-125°C

### PACKAGE

- Plastic Case
- Epoxy encapsulated



### DIMENSION

25×15×20 (mm<sup>3</sup>)

This document was created with Win2PDF available at <http://www.daneprairie.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.