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*High current, small sized, high reliability...*

## **NIKKOHM INTRODUCES 600A Current Shunt FOR BATTERY CONTROL APPLICATIONS**

Misawa, Japan (1 September 2017) — Nikkohm Co., Ltd. announced a new Bus-Bar Battery Shunt resistor that operates at 36W power capability in the 85mm x 18mm x 4mm size with 50 $\mu\Omega$ , 100 $\mu\Omega$ , 125 $\mu\Omega$ . In other words, it is possible to output 60 mV from the voltage terminal with a current of 600 A.

RCS8518 series battery control shunt resistor has features of mechanically strong in assembly, vibration resistance, reliable operation in long term, continuous 600A operation since this shunt is a structure using complete electron beam welding. RCS8518 provides cost effective 5% / 10% tolerance and precision 1% tolerance is also available for more demanding applications. For designers' convenience, RCS8518 provide various kinds of voltage terminals namely RCS851841 has 1.0mm dia hole, RCS851842 has 3.62mm dia holes, RCS851843 has stud screw terminals, and even a custom designed voltage terminals upon request.

RCS8518 offers low inductance value of less than 5nH, + 200ppm/ $^{\circ}$ C temperature coefficient, operating temperature range -55 $^{\circ}$ C, +70 $^{\circ}$ C, +175 $^{\circ}$ C, Pb free and RoHS compliant. Samples and production quantities of new Bus-Bar Shunt resistors are available now from stock or 6 weeks.

*To request the electronic image, call +81 176 53 2105, or e-mail: [info@nikkohm.co.jp](mailto:info@nikkohm.co.jp) Keywords: Nikkohm, resistor, power, automotive. URL: <http://www.nikkohm.com>*

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