



## Digi-key New Product Introduction

### SSA2, modified and improved SSA Analog Smart Shunt

Introducing our modified Analog Smart shunt: A smaller, lighter model with a More Resilient Connector for Enhanced Performance

Our new Connector enables higher operating temperatures of up to 115C, making it ideal for harsh environments that demand reliability and stability.

Additionally, our latest product release offers a reduction in profile and an improved location of the connector for easy installation. The improved design comes with superior vibration resistance, making it an excellent choice for a highly stressed environment.

SSA2 is on average 22% lighter in weight than SSA.

The robustness of SSA2 Smart Shunt modules makes them suitable for use in high-power (100Amp to 1000Amp) implementations, Key examples include electric vehicle (EV) and hybrid-electric vehicle (HEV) traction inverters, AC/DC converters, uninterruptible power supplies, renewable energy generation sites, and smart grid infrastructure.

#### Product Highlight:

- 100A to 1000A
- AC or DC Circuits
- 1500VDC Reinforced Isolation
- Average Mass, 90g
- Amplified Differential Output,  $\pm 2.5V$  peak
- 0.2% Tolerance
- Typical Applications:
  - » Battery Systems
  - » UPS systems
  - » Motor Drives
  - » Frequency Inverters
  - » Fuel Cells

