SUMIDA CORPORATION has developed a new transformer for use in fluxgate current sensors targeted at the industrial power electronics market. This transformer has been developed to work together with a Texas Instruments sensor signal conditioner, with the aim of building high-precision current sensors.

**Key Features:**
- This transformer has a low-profile structure and provides a wide insulation distance.
- Users can build a high precision fluxgate current sensor by mounting on a system board this transformer combined with a signal conditioner IC for a current sensor developed by Texas Instruments and a shunt resistor.
- The current measurement range can be fixed by setting the value of resistance of the shunt resistor.

**Applications:**
- Industrial monitoring and control system, Power conditioner

**Transformer for Fluxgate Current Sensor**

Dimensions: 21*19*12mm