

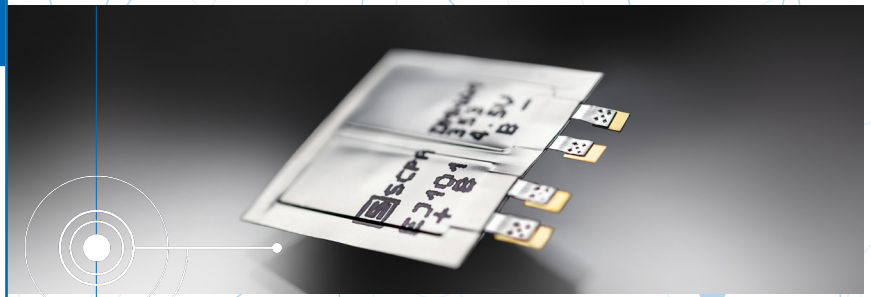
SCHURTER *New Product*

Supercapacitors - Prismatic

SCPA

World's Thinnest Supercapacitors

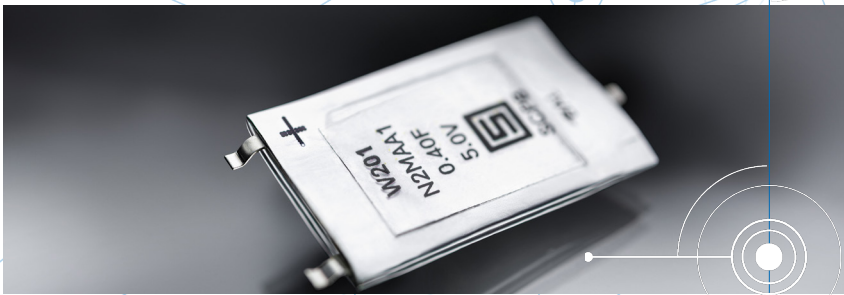
- Rated voltage: 4.2 / 4.5 / 5.5 V
- Capacity: 35 - 1000 mF
- RMS current: 1 - 5.5 A
- Peak current: 5 - 30 A
- Mounting: PCB, SMT
- Temperature rating: -40 °C to 85 °C (4.2 - 4.5 V)
-40 to 70 °C (5.5 V)



SCPB

Excellent Low Temperature Performance

- Rated voltage: 2.5 / 5 V
- Capacity: 90 - 2400 mF
- RMS current: 4.5 - 8 A
- Peak current: 30 A
- Mounting: PCB, SMT
- Temperature rating: -40 °C to 70 °C



SCPC

High Temperature Rating

- Rated voltage: 2.75 / 5.5 V
- Capacity: 120 - 2400 mF
- RMS current: 4 - 6 A
- Peak current: 30 A
- Mounting: PCB, SMT
- Temperature rating: -40 °C to 85 °C



SCHURTER Prismatic Supercapacitors

The best choice for fast power storage and immediate power delivery

Advantages



Ultra
Compact
Design



High
Power
Density



Low ESR with
High Current
Handling

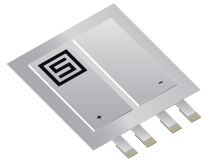


Very
Low Self
Discharge

Supercapacitor Product Lines

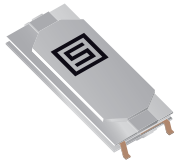
SCPA:

3 - 5.5 V | 35 - 1000 mF
World's Thinnest
Supercaps - only 0.4 mm



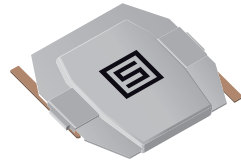
SCPB:

2.5 - 5 V | 90 - 2400 mF
Excellent Low Temperature
Performance



SCPC:

2.75 - 5.5 V | 120 - 2400 mF
High Temperature Rating



Applications



Peak Power
for Pulse
Loads



Mission-critical
Low Voltage Ride
Through Power



Quick Power
Charges

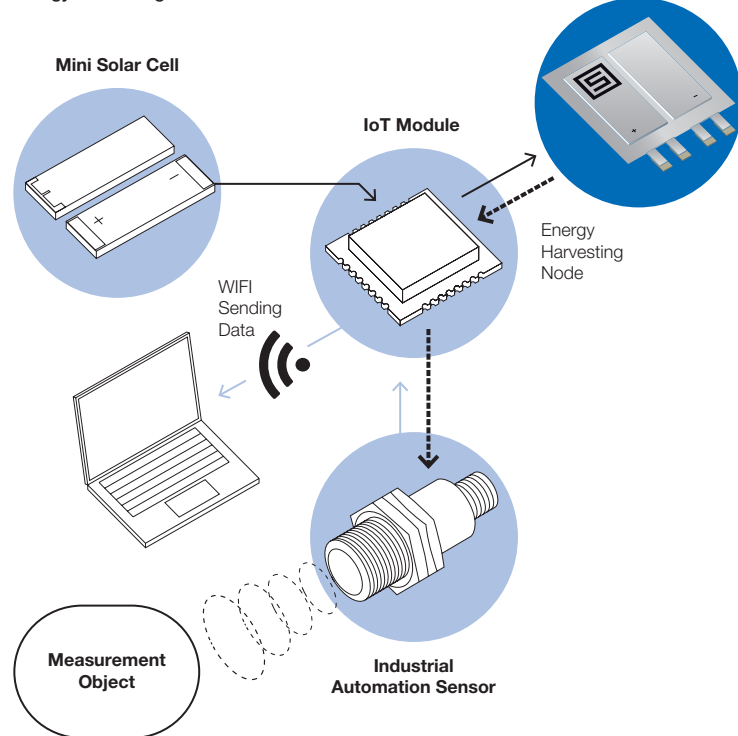


Application Markets

- Renewable Energy
- Medical
- Industrial
- Smart Grid / IoT
- Transportation

Use Case

Energy Harvesting Wireless Sensors



Customers are always in our focus.



For more details visit:
www.schurter.com

SCHURTER
ELECTRONIC COMPONENTS