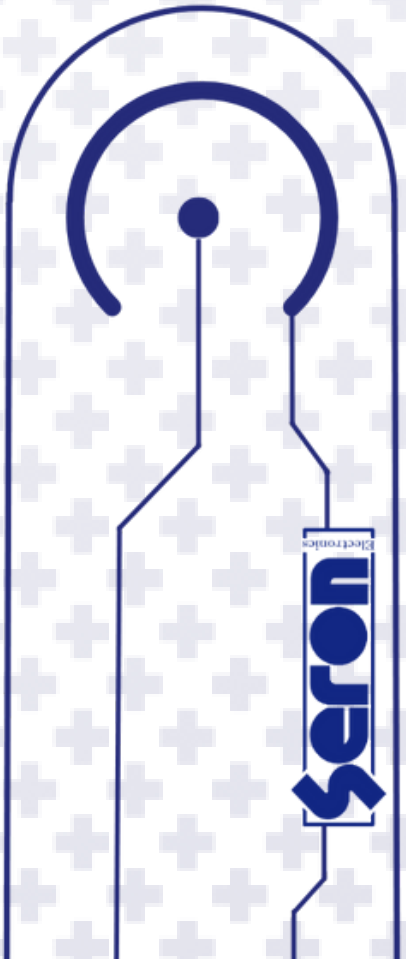
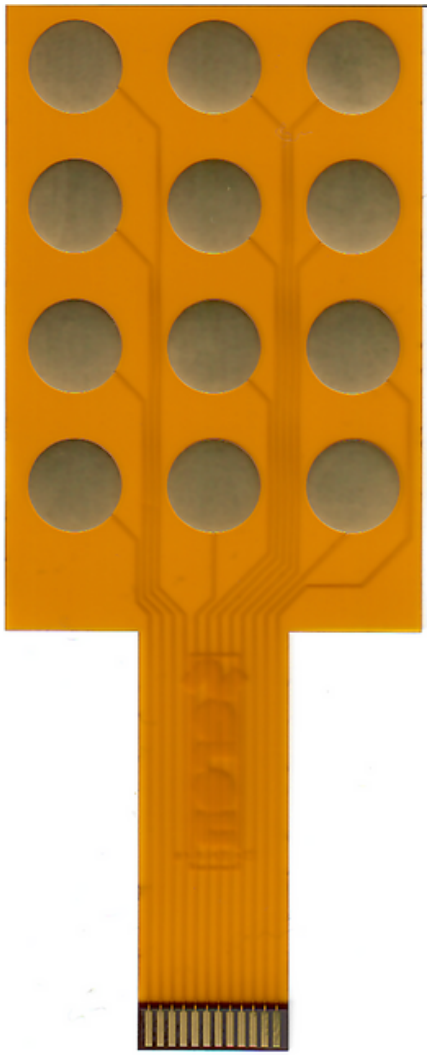
SE.4X SERIES THIN FILM FLEXIBLE (TFF) ELECTRODES

DATASHEET



SE.41 TFF POLYIMIDE CIRCLE ELECTRODE



The SE.41 is ideal for sensor applications. Coated with gold, they are chemically stable, biocompatible, and durable. The film connects with a hardware interface that can communicate with a computer.

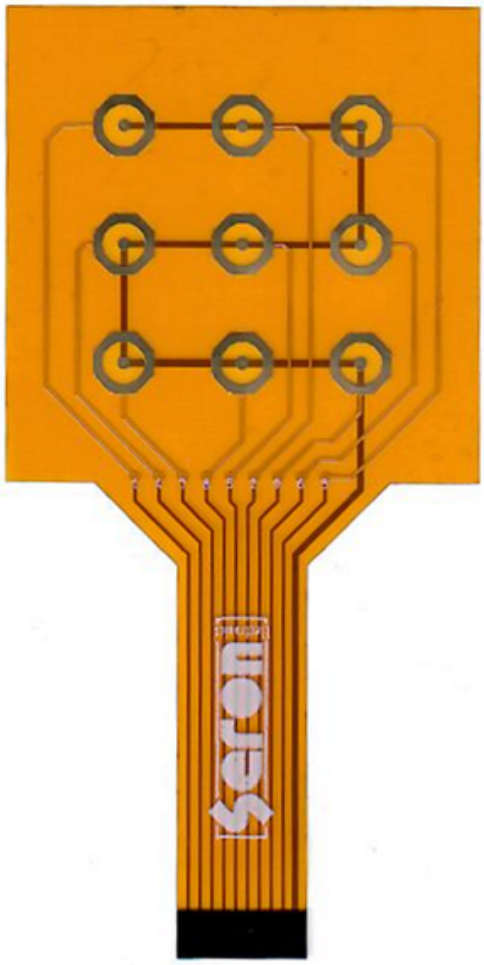
Specifications

Dimensions:	36 x 90 x 0.08 mm
Electrode coating:	Au 3 µin
Weight:	0.355 g
Substrate:	Polyimide
Electrode diameter:	8 mm

Applications

- Energy material characterization.
- Sensors.
- Energy storage devices.
- Actuators.
- Material synthesis.

SE.42 TFF POLYIMIDE CONCENTRIC ELECTRODE



The SE.42 is ideal for sensor and energy applications. The center electrode is common ground. Coated with gold, they are chemically stable, biocompatible, and durable. The film connects with a hardware interface that can communicate with a computer.

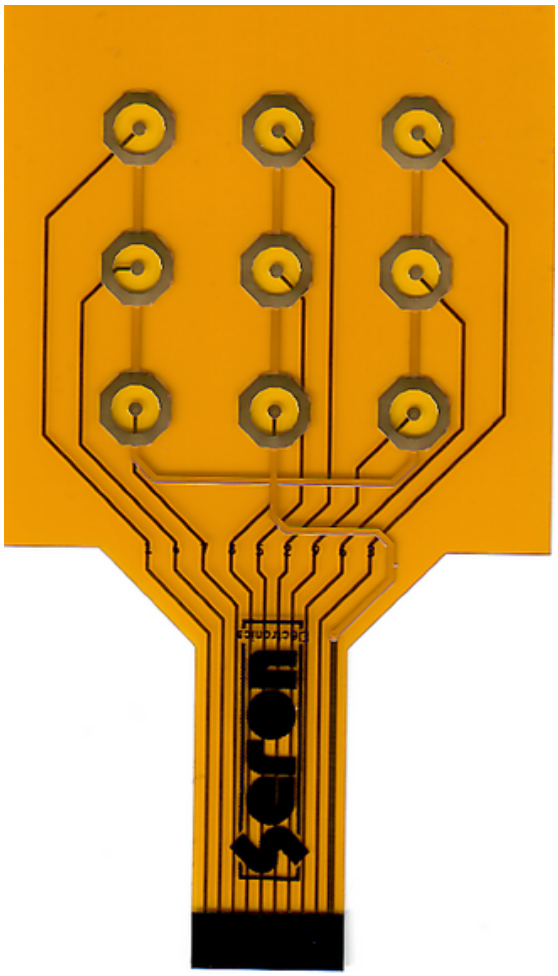
Specifications

Dimensions:	70 x 40 x 0.08 mm
Electrode coating:	Au 3 µin
Weight:	0.350 g
Substrate:	Polyimide
Inner pad diameter:	1 mm
Outer pad avg. thickness:	0.75 mm
Outer edge avg. diameter:	5.3 mm

Applications

- Sensors.
- Actuators.
- Bio-materials characterization.
- Physical chemistry.
- Electrochemistry.

SE.43 TFF POLYIMIDE CONCENTRIC ELECTRODE



The SE.43 is ideal for sensor and energy applications. The outer electrode is common ground. Coated with gold, they are chemically stable, biocompatible, and durable. The film connects with a hardware interface that can communicate with a computer.

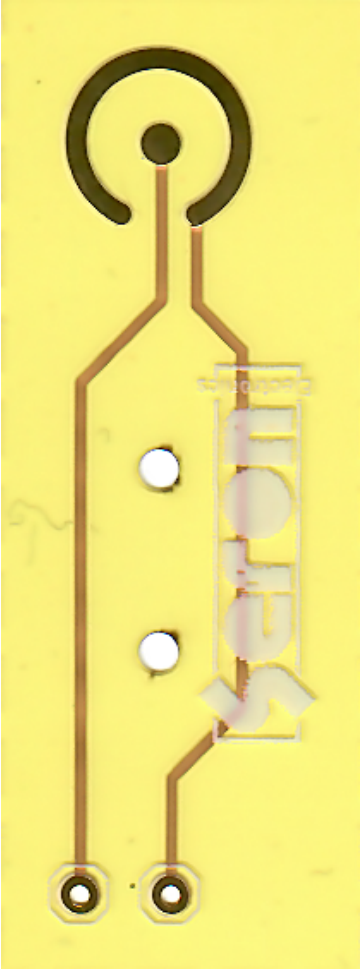
Specifications

Dimensions:	70 x 40 x 0.08 mm
Electrode coating:	Au 3 µin
Weight:	0.348 g
Substrate:	Polyimide
Inner pad diameter:	1 mm
Outer pad avg. thickness:	0.75 mm
Outer edge avg. diameter:	5.3 mm

Applications

- Sensors.
- Actuators.
- Bio-materials characterization.
- Physical chemistry.
- Electrochemistry.

SE.44 TFF PET CONCENTRIC ELECTRODE



The SE.44 is ideal for biomaterial characterization and touch/pressure sensor devices. Coated with gold, they are chemically stable, biocompatible, and durable.

Specifications

Dimensions:	49 x 16 x 0.17 mm
Electrode coating:	Au 3 µin
Weight:	0.200 g
Substrate:	PET (transparent)
Inner pad diameter:	2 mm
Outer pad thickness:	1 mm
Outer edge diameter:	9.2 mm

Applications

- Sensors.
- Actuators.
- Bio-materials characterization.
- Physical chemistry.
- Electrochemistry.

SE.45 TFF PET CIRCLE ELECTRODE

With a surface area of 1 cm^2, SE.45 is ideal for energy material characterization. Coated with gold, they are chemically stable, biocompatible, and durable.

Specifications

Dimensions:	49 x 16 x 0.17 mm
Electrode coating:	Au 3 µin
Weight:	0.204 g
Substrate:	PET (transparent)
Electrode diameter:	9.6 mm

Applications

- Energy material characterization.
- Sensors.
- Energy storage devices.
- Actuators.
- Material synthesis.

SE.46 TFF PET SQUARE ELECTRODE

With a surface area of 1 cm^2, SE.46 is ideal for energy material characterization. Coated with gold, they are chemically stable, biocompatible, and durable.

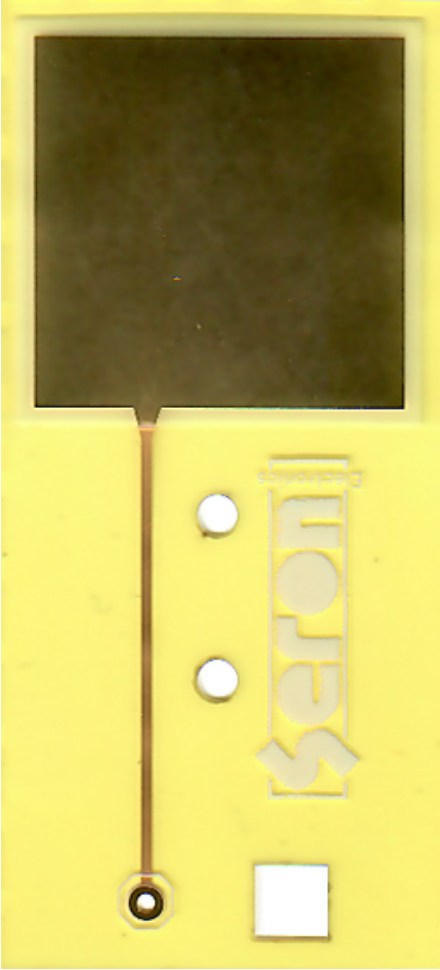
Specifications

Dimensions:	49 x 16 x 0.17 mm
Electrode coating:	Au 3 µin
Weight:	0.203 g
Substrate:	PET (transparent)
Electrode surface area:	1 cm^2

Applications

- Energy material characterization.
- Sensors.
- Energy storage devices.
- Actuators.
- Material synthesis.

SE.47 TFF PET LARGE SQUARE ELECTRODE



With a surface area of 4 cm^2, SE.47 is ideal for energy material characterization. Coated with gold, they are chemically stable, biocompatible, and durable.

Specifications

Dimensions:	53 x 24 x 0.17 mm
Electrode coating:	Au 3 µin
Weight:	0.327 g
Substrate:	PET (transparent)
Electrode surface area:	4 cm^2

Applications

- Energy material characterization.
- Sensors.
- Energy storage devices.
- Actuators.
- Material synthesis.

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